

RECORDABLE/REPRODUCIBLE OPTICAL DISC
(DVD-RAM/DVD-RW OR DVD-R DISC) 10

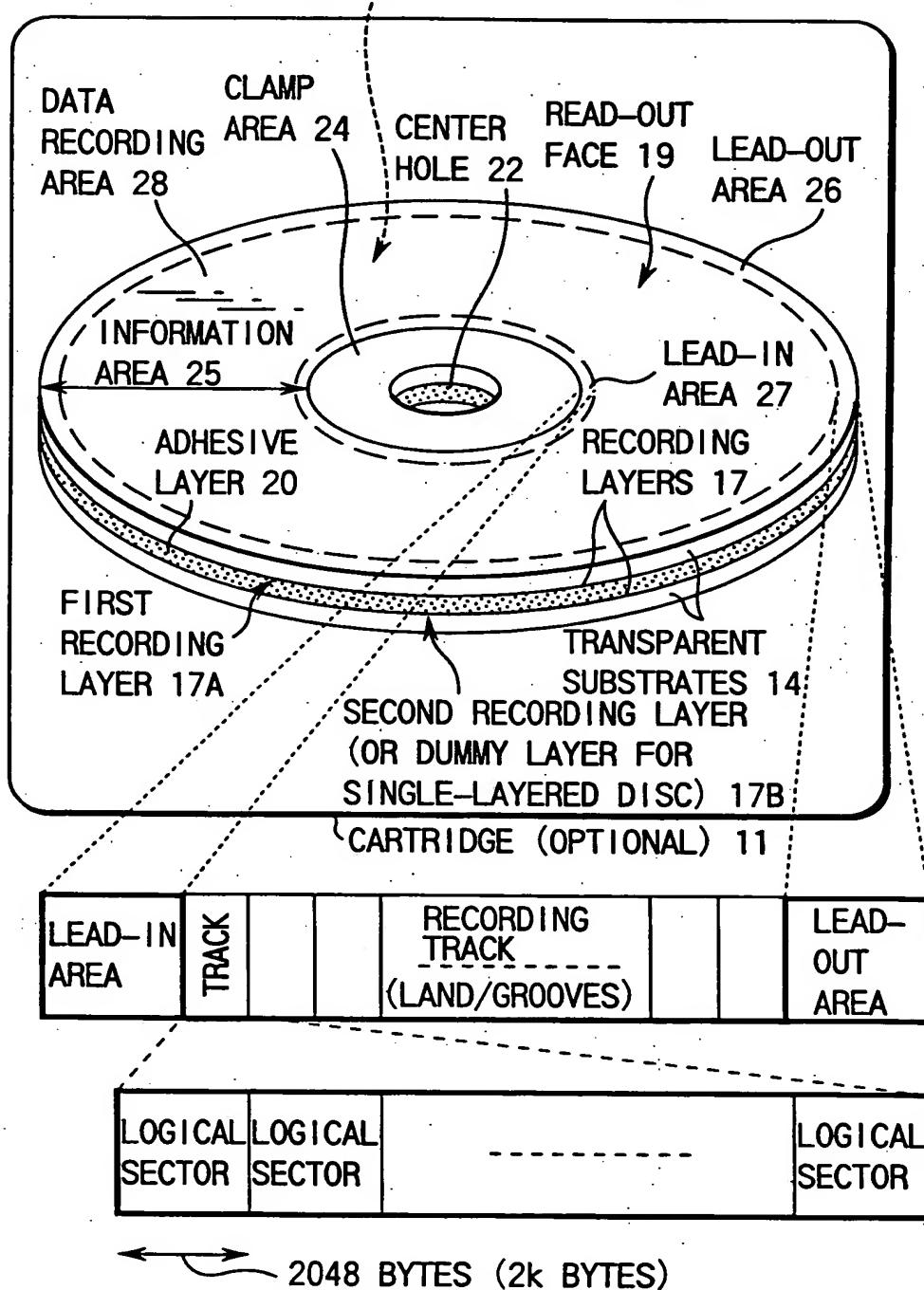


FIG. 1

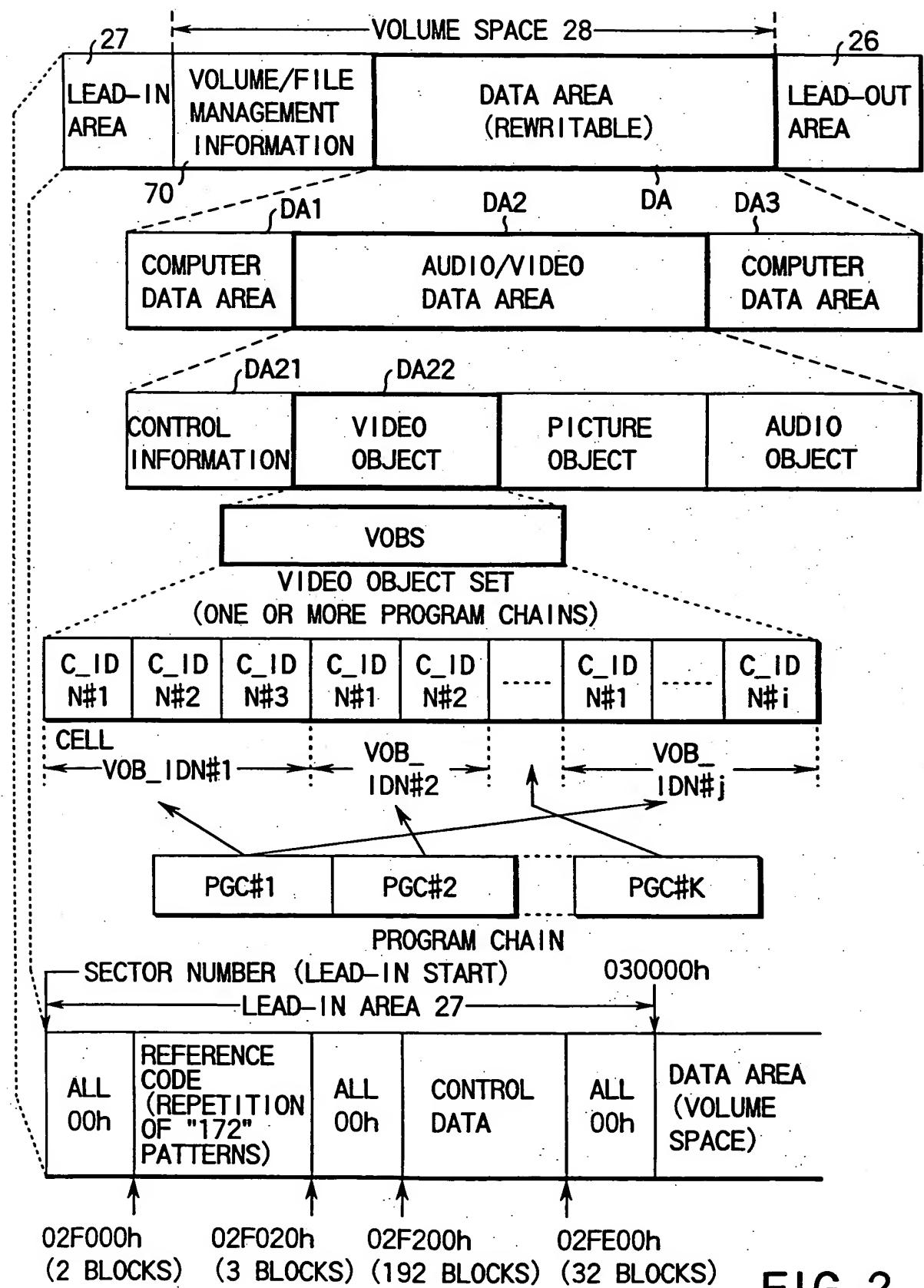
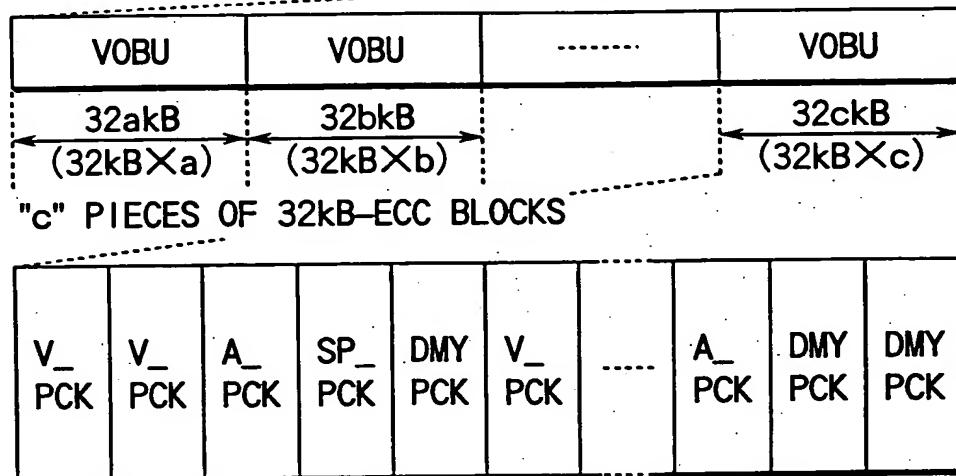
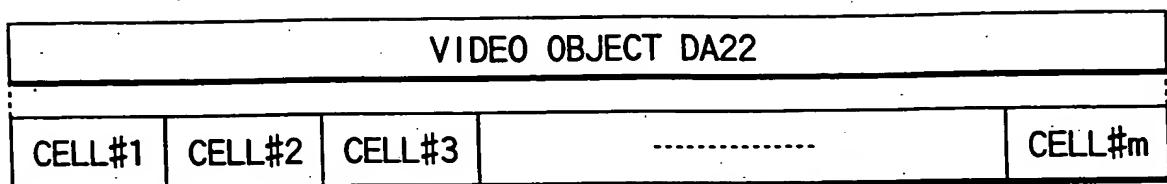
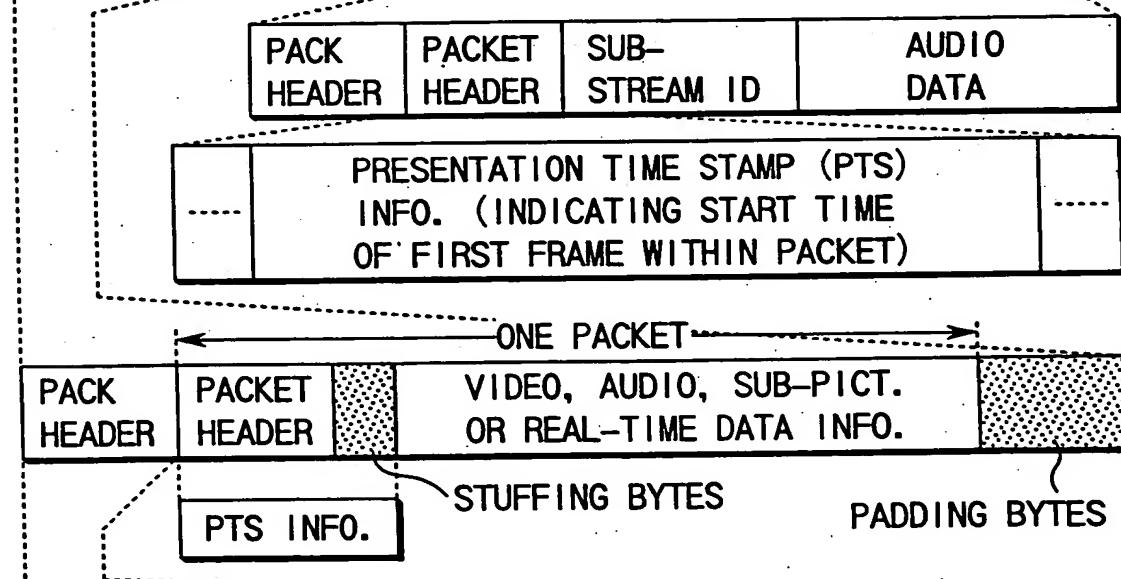


FIG. 2



ALL PACKS=2048 BYTES FIXED



PACK START CODE	SYSTEM CLOCK REF. (SCR)	PROGRAM MULTIPLEX RATE	PACK STUFFING LENGTH
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FIG. 3

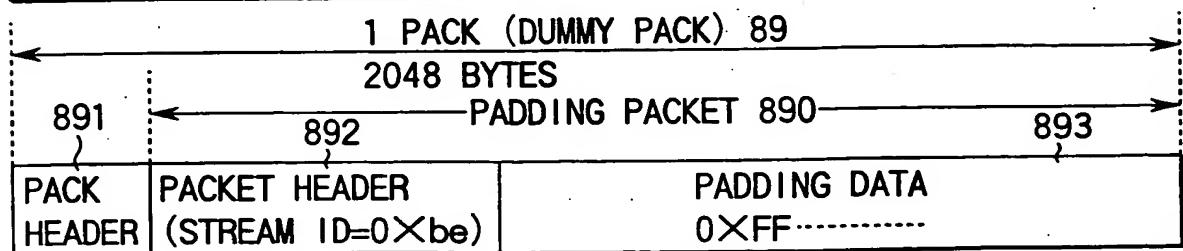


FIG. 4

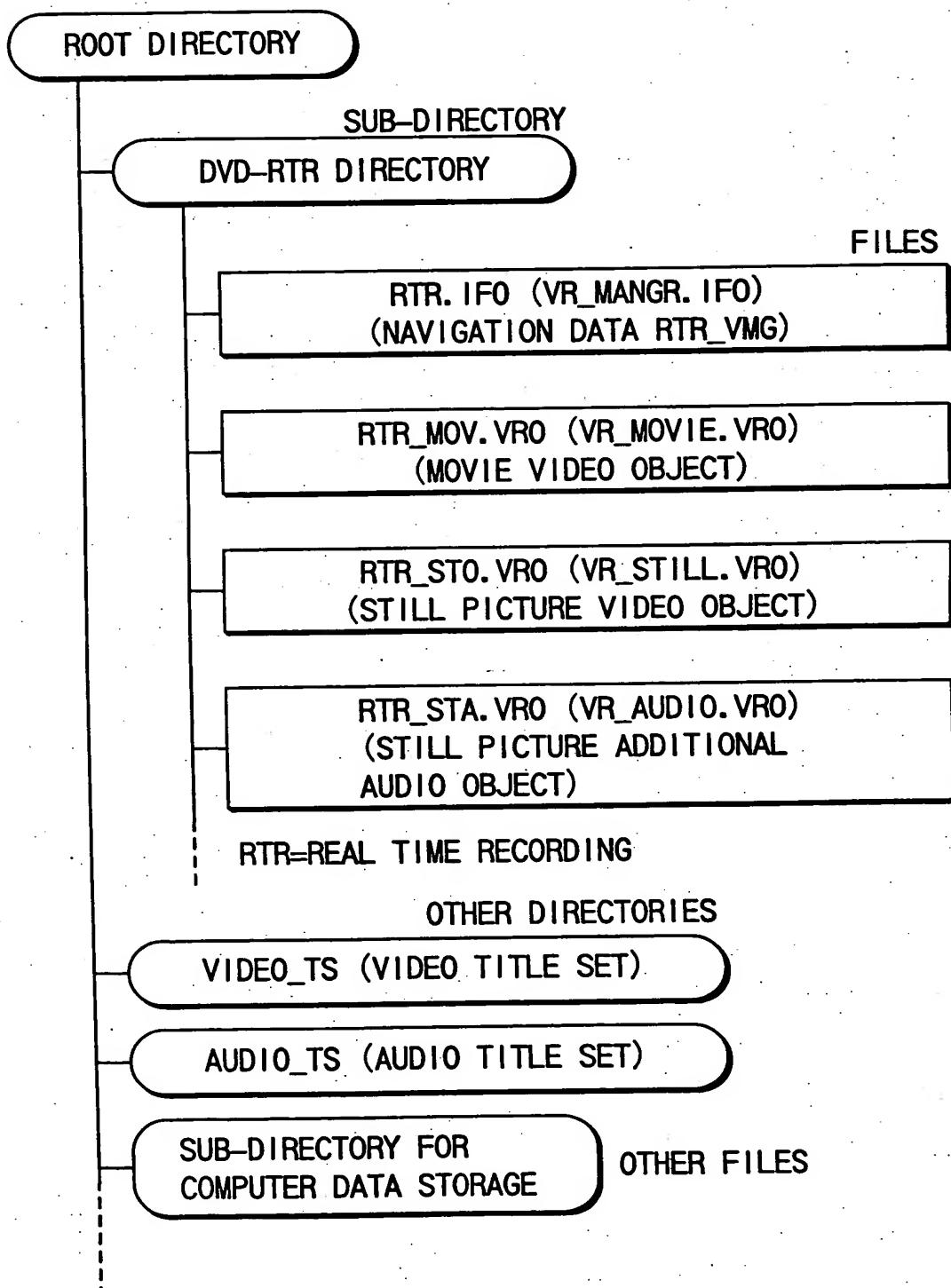


FIG. 5

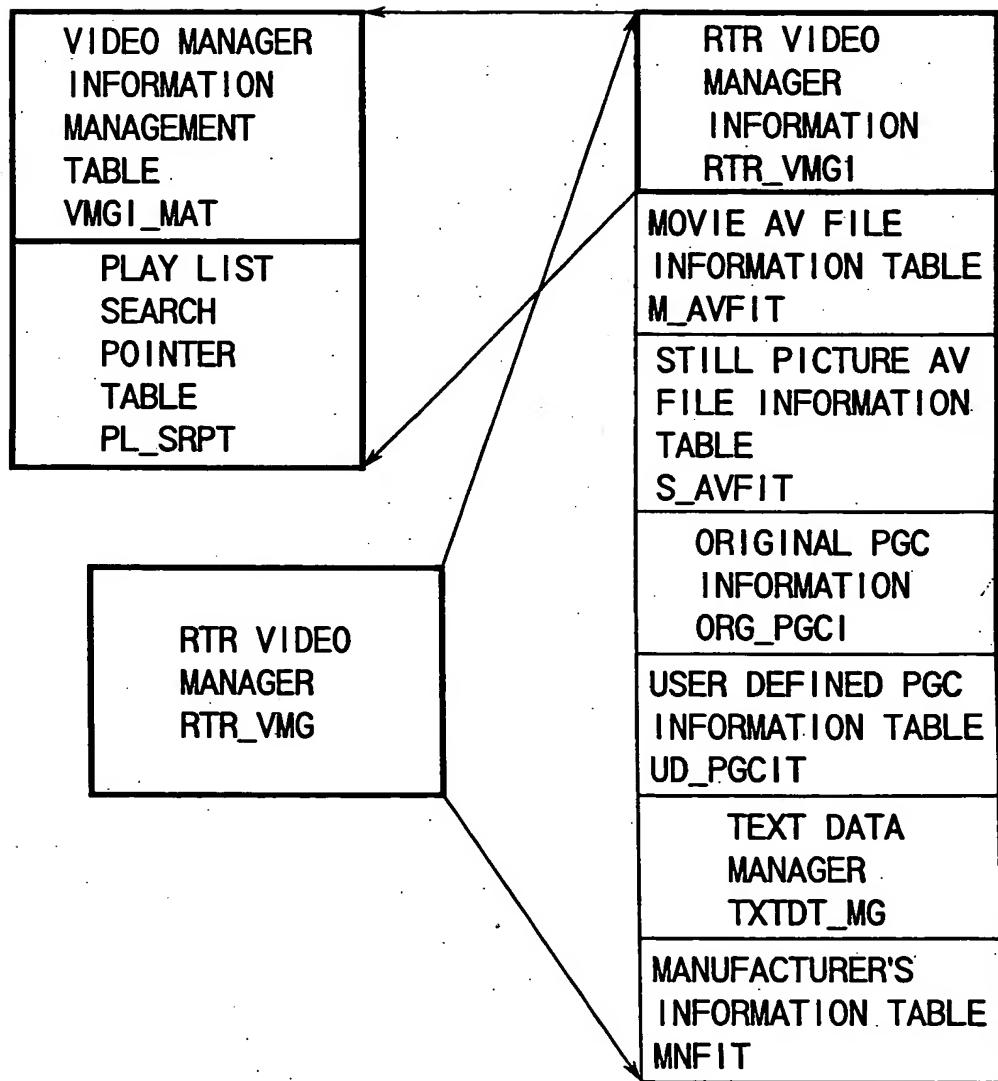


FIG. 6

CONTENTS OF VIDEO MANAGER INFORMATION
MANAGEMENT TABLE (VMGI_MAT)

RB ^P	FILE NAME	CONTENTS
0-11	VMG_ID	VMG IDENTIFIER
12-15	RTR_VMG_EA	END ADDRESS OF RTR_VMG
16-27	RESERVED	RESERVED
28-31	VMGI_EA	END ADDRESS OF VMGI
32-33	VERN	VERSION NUMBER OF DVD SPECIFICATION FOR VIDEO RECORDING
32-127	RESERVED	RESERVED
128-129	TM_ZONE	TIME ZONE
130-131	STILL_TM	STILL TIME FOR STILL PICTURES
132-133	CHRS	CHARACTER SET CODE FOR PRIMARY TEXT
134-148	RSM_MRKI	RESUME MAKER INFORMATION
149-163	REP_PICTI	DISC REPRESENTATIVE PICTURE INFORMATION
164-191	RESERVED	RESERVED
192-195	M_AVFIT_SA	START ADDRESS OF M_AVFIT
196-199	S_AVFIT_SA	START ADDRESS OF S_AVFIT
200-207	RESERVED	RESERVED
208-211	ORG_PGC1_SA	START ADDRESS OF ORG_PGC1
212-215	UD_PGC1T_SA	START ADDRESS OF UD_PGC1T
216-219	TXTDT_MG_SA	START ADDRESS OF TXTDT_MG
220-223	MNFIT_SA	START ADDRESS OF MNFIT
224-511	RESERVED	RESERVED FOR FUTURE USE

RB^P=RELATIVE BYTE POSITION

FIG. 7

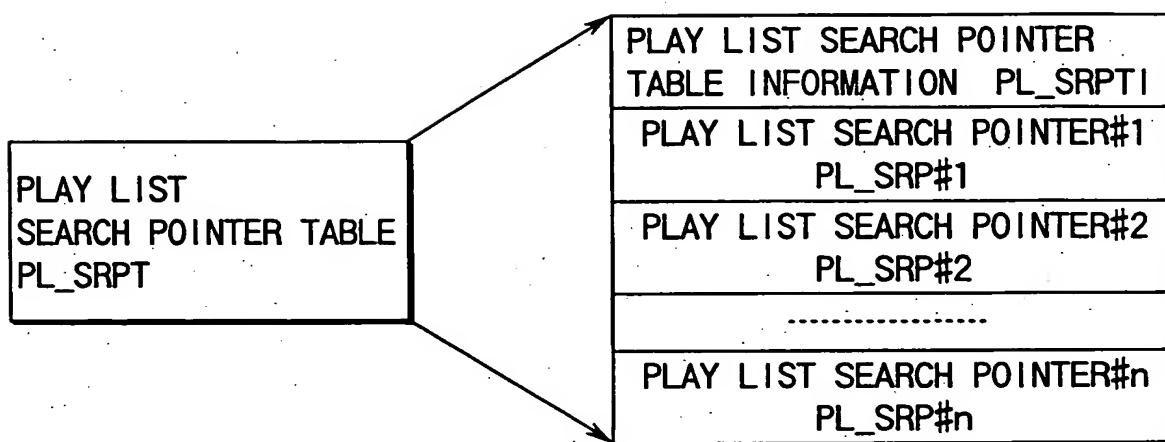


FIG. 8

CONTENTS OF PLAY LIST SEARCH POINTER TABLE INFORMATION (PL_SRPT1)

RBP	FILE NAME	CONTENTS
0-2	RESERVED	RESERVED
3	PL_SRP_Ns	NUMBER OF PLAY LIST SEARCH POINTERS
4-7	PL_SRPT_EA	END ADDRESS OF PL_SRPT

RBP=RELATIVE BYTE POSITION

FIG. 9

CONTENTS OF PLAY LIST SEARCH POINTER (PL_SRP)

RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	PL_TY	PLAY LIST TYPE
2	PGCN	PGC NUMBER
3-7	PL_CREATE_TM	TIME WHEN PLAY LIST WAS CREATED
8-135	PRM_TXTI	PRIMARY TEXT INFORMATION
136-137	IT_TXT_SRPN	ITEM TEXT SEARCH POINTER NUMBER FOR THIS PLAY LIST IT_TXT_SRPN
138-145	THM_PTRI	THUMBNAIL POINTER INFORMATION

RBP=RELATIVE BYTE POSITION

FIG. 10

CONTENTS OF THUMBNAIL POINTER INFORMATION (THM_PTRI)

RBP	FILE NAME	CONTENTS
138-139	CN	CELL NUMBER
140-145	THM_PT	THUMBNAIL POINT

RBP=RELATIVE BYTE POSITION

FIG. 11

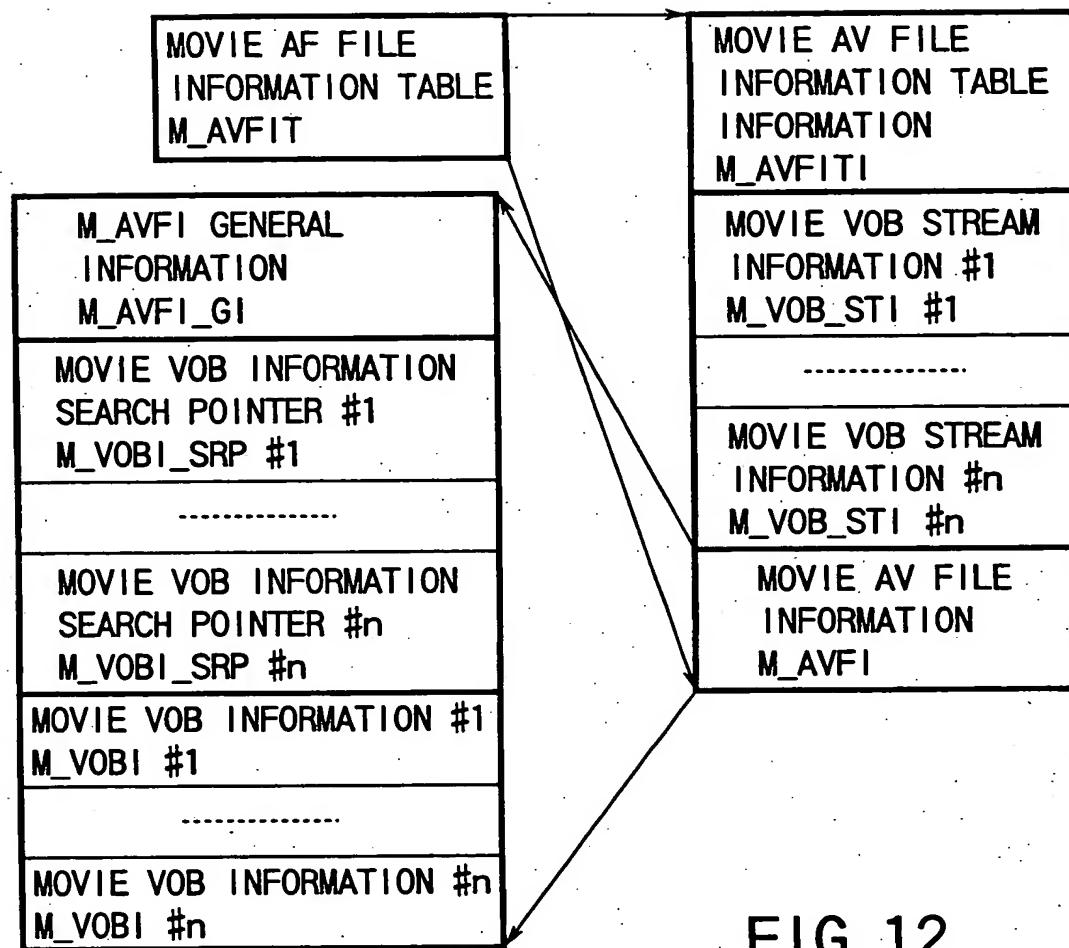


FIG.12

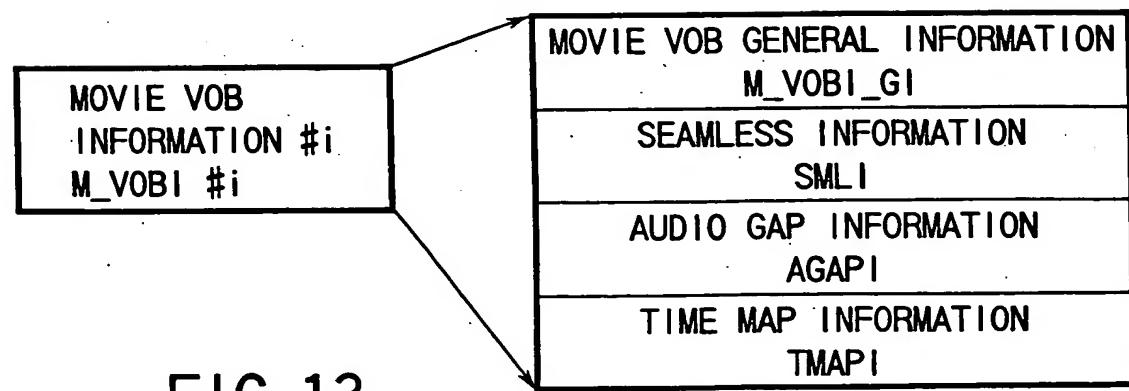


FIG.13

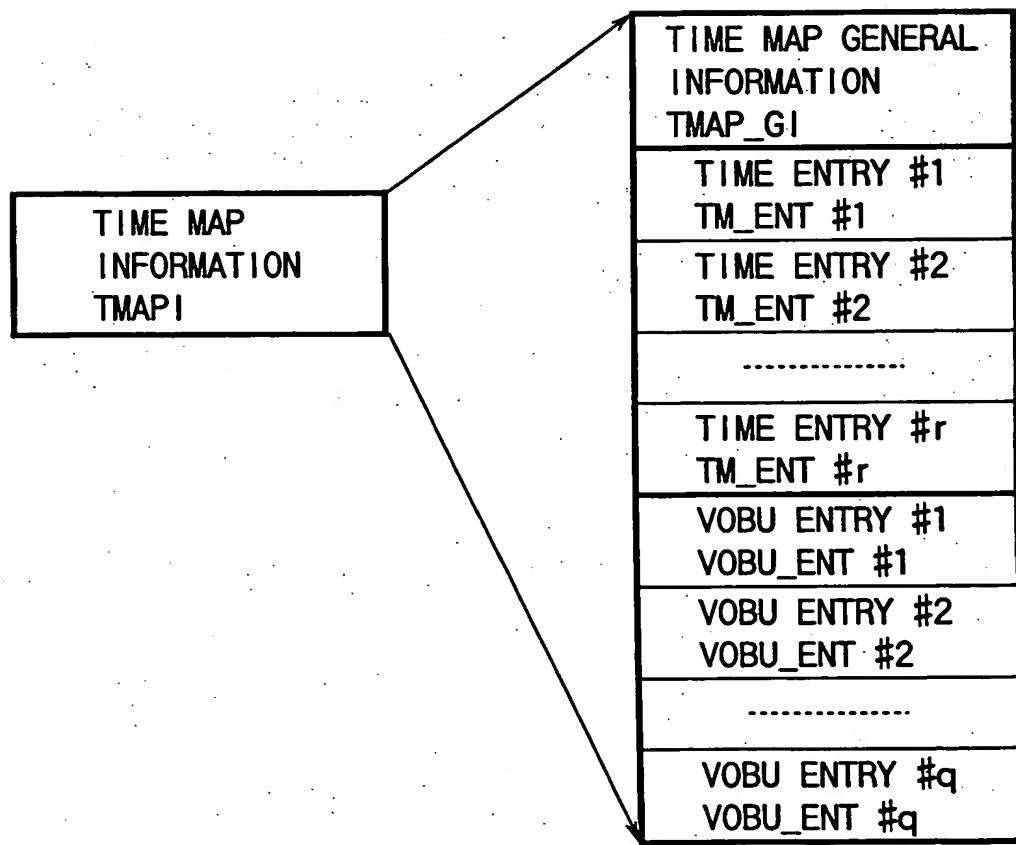


FIG. 14

CONTENTS OF TIME MAP GENERAL INFORMATION (TMAP_GI)

RBP	FILE NAME	CONTENTS
0-1	TM_ENT_Ns	NUMBER OF TIME ENTRIES
2-3	VOBU_ENT_Ns	NUMBER OF VOBU ENTRIES
4-5	TM_OFS	TIME OFFSET
6-9	ADR_OFS	ADDRESS OFFSET

RBP=RELATIVE BYTE POSITION

FIG. 15

CONTENTS OF TIME ENTRY (TM_ENT)

RBP	FILE NAME	CONTENTS
0-1	VOBU_ENTN	VOBU ENTRY NUMBER
2	TM_DIFF	TIME DIFFERENCE
3-6	VOBU_ADR	TARGET VOBU ADDRESS

RBP=RELATIVE BYTE POSITION

FIG. 16

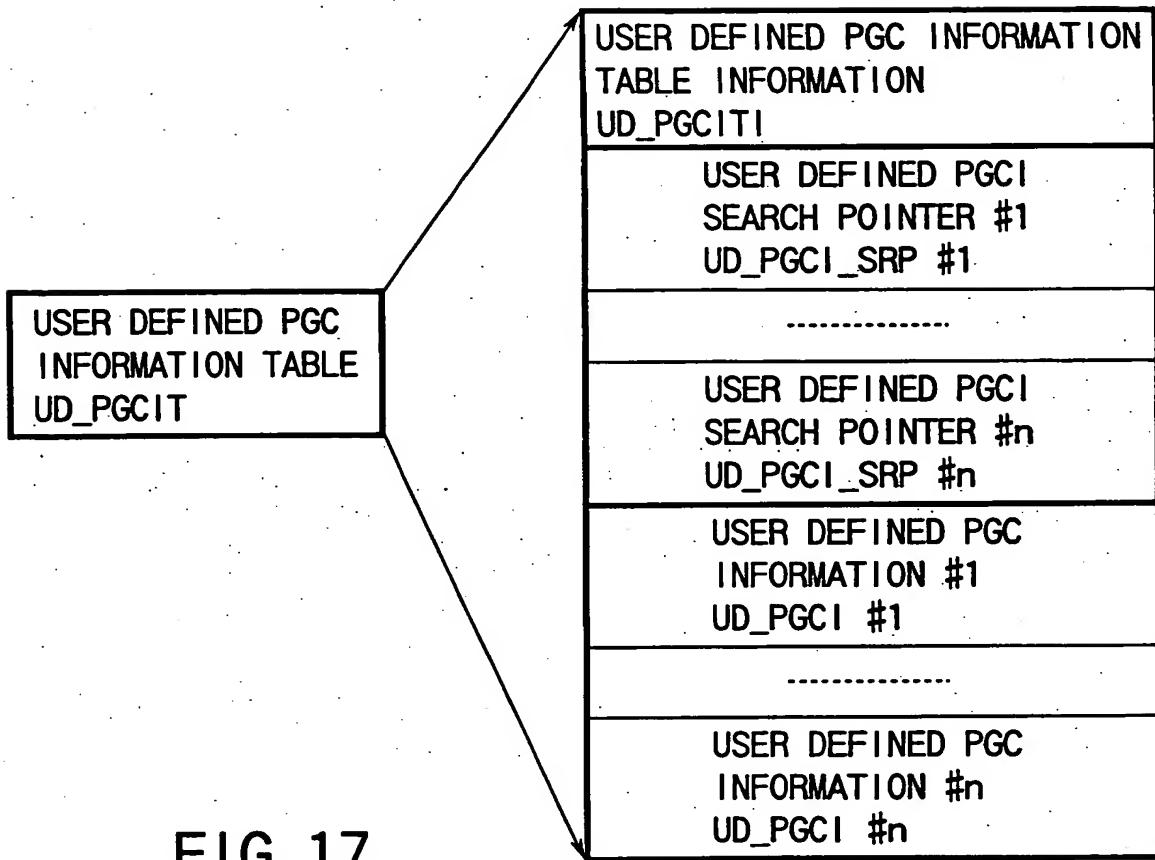


FIG. 17

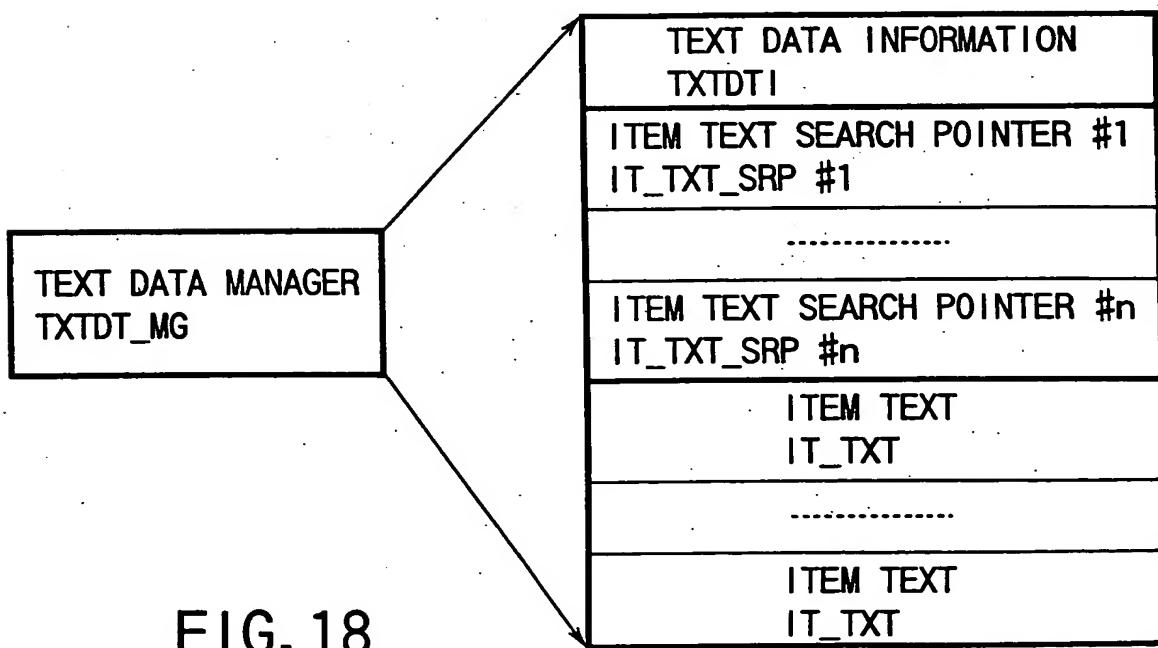


FIG. 18

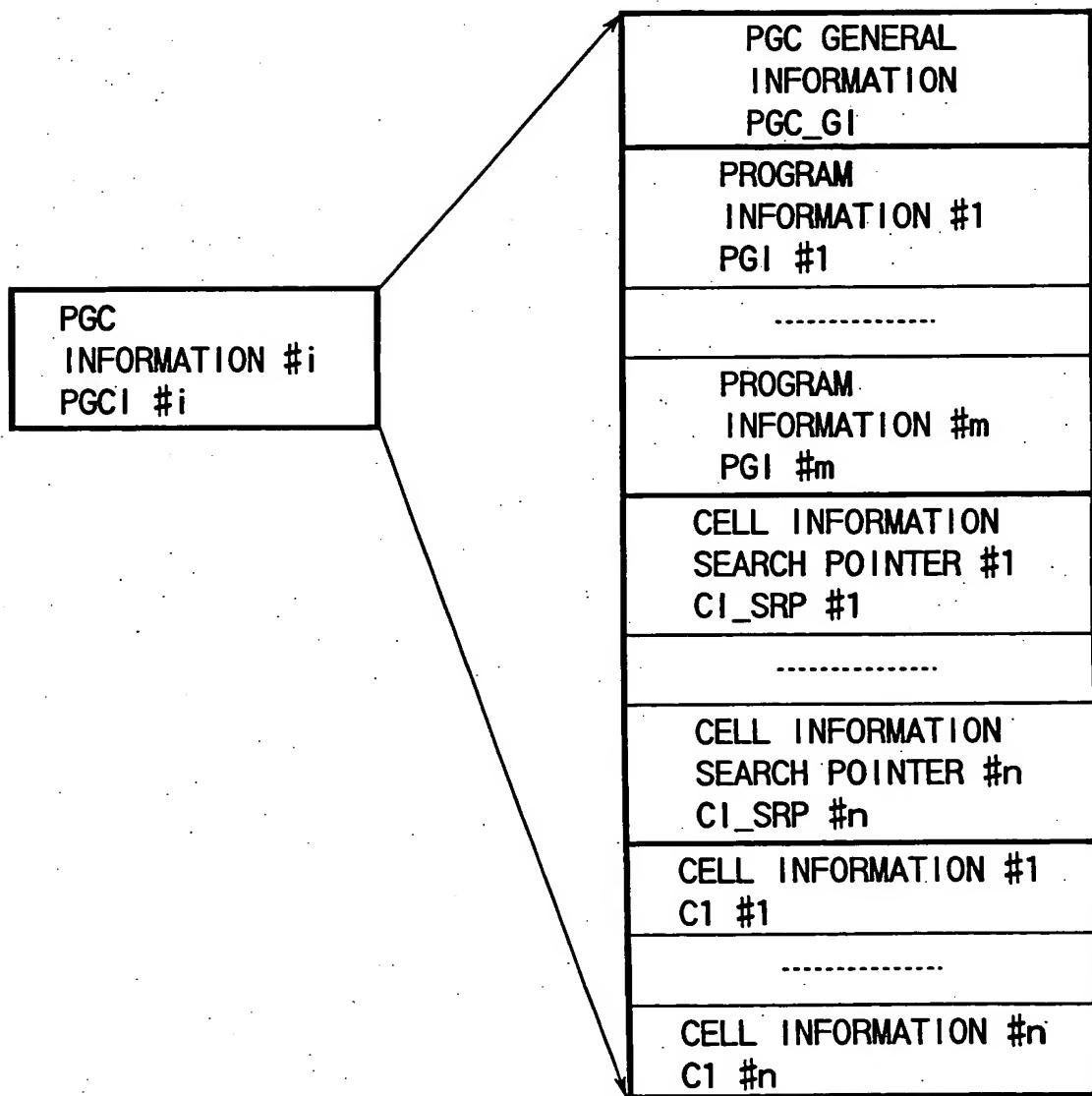


FIG. 19

CONTENTS OF PGC GENERAL INFORMATION (PGC_GI)

RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	PG_Ns	NUMBER OF PROGRAMS
2-3	CI_SRP_Ns	NUMBER OF CI_SRPs

RBP=RELATIVE BYTE POSITION

FIG. 20

CONTENTS OF PROGRAM INFORMATION (PGI)

RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	PG_TY	PROGRAM TYPE
2-3	C_Ns	NUMBER OF CELLS IN THIS PROGRAM
4-131	PRM_TXTI	PRIMARY TEXT INFORMATION
132-133	IT_TXT_SRPN	IT_TXT_SRPN NUMBER
134-141	THM_PTRI	THUMBNAIL POINTER INFORMATION

RBP=RELATIVE BYTE POSITION

FIG. 21

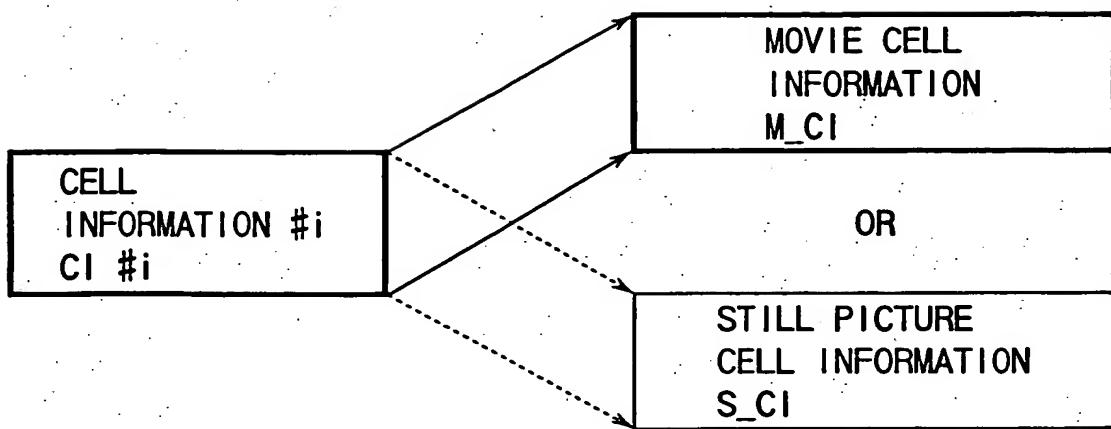


FIG. 22

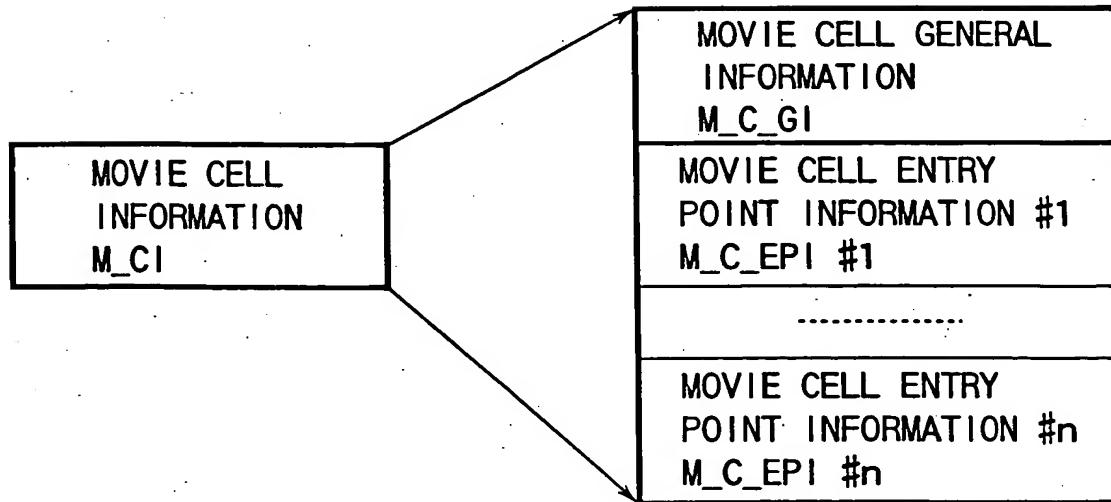


FIG. 23

CONTENTS OF MOVIE CELL GENERAL INFORMATION (M_C_GI)

RBP	FILE NAME	CONTENTS
0	RESERVED	RESERVED
1	C_TY	CELL TYPE
2-3	M_VOBI_SRPN	MOVIE VOBI SEARCH POINTER NUMBER
4-5	C_EPI_Ns	NUMBER OF CELL ENTRY POINT INFORMATION
6-11	C_V_S_PTM	PRESENTATION START TIME OF THIS CELL
12-17	C_V_E_PTM	PRESENTATION END TIME OF THIS CELL

RBP=RELATIVE BYTE POSITION

FIG. 24

CONTENTS OF MOVIE CELL ENTRY POINT INFORMATION (M_C_EPI)

RBP	FILE NAME	CONTENTS
0	EP_TY	ENTRY POINT TYPE
1-6	EP_PTM	PRESENTATION TIME OF ENTRY POINT
7-134	PRM_TXTI	PRIMARY TEXT INFORMATION

RBP=RELATIVE BYTE POSITION

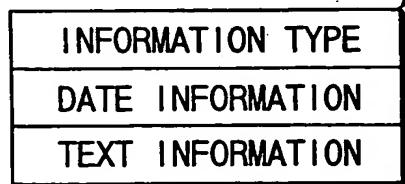


FIG. 25

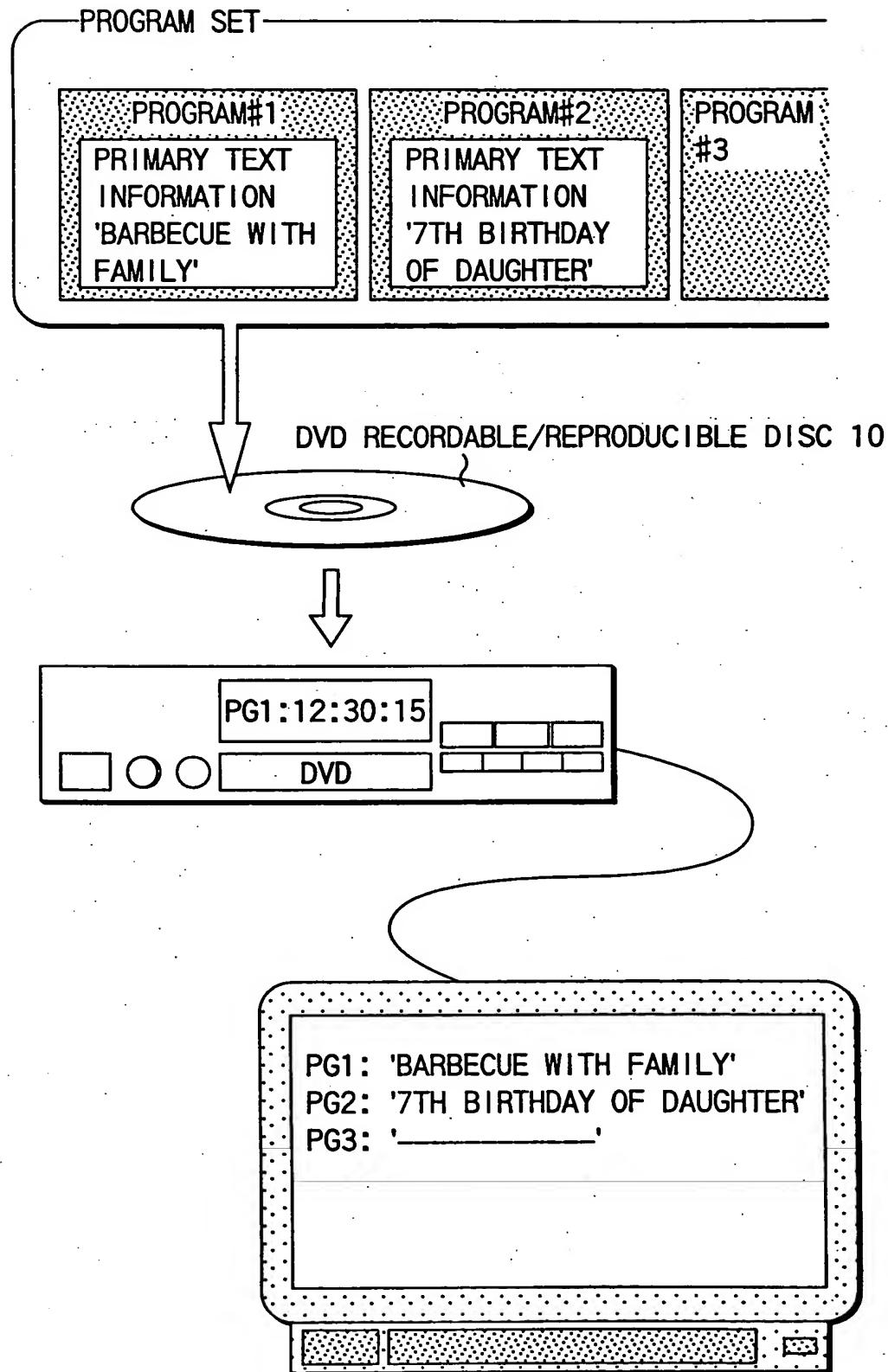


FIG. 26

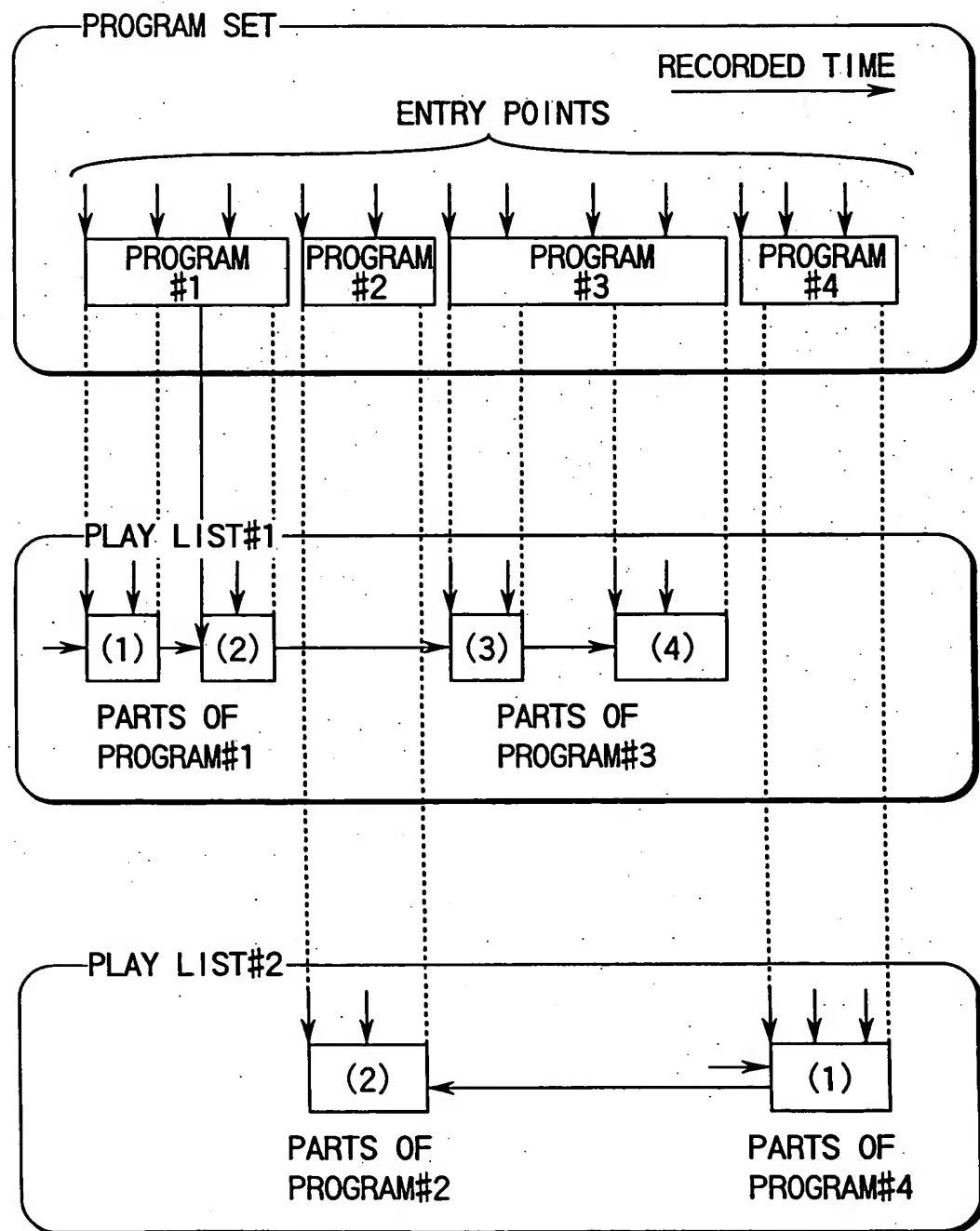


FIG. 27

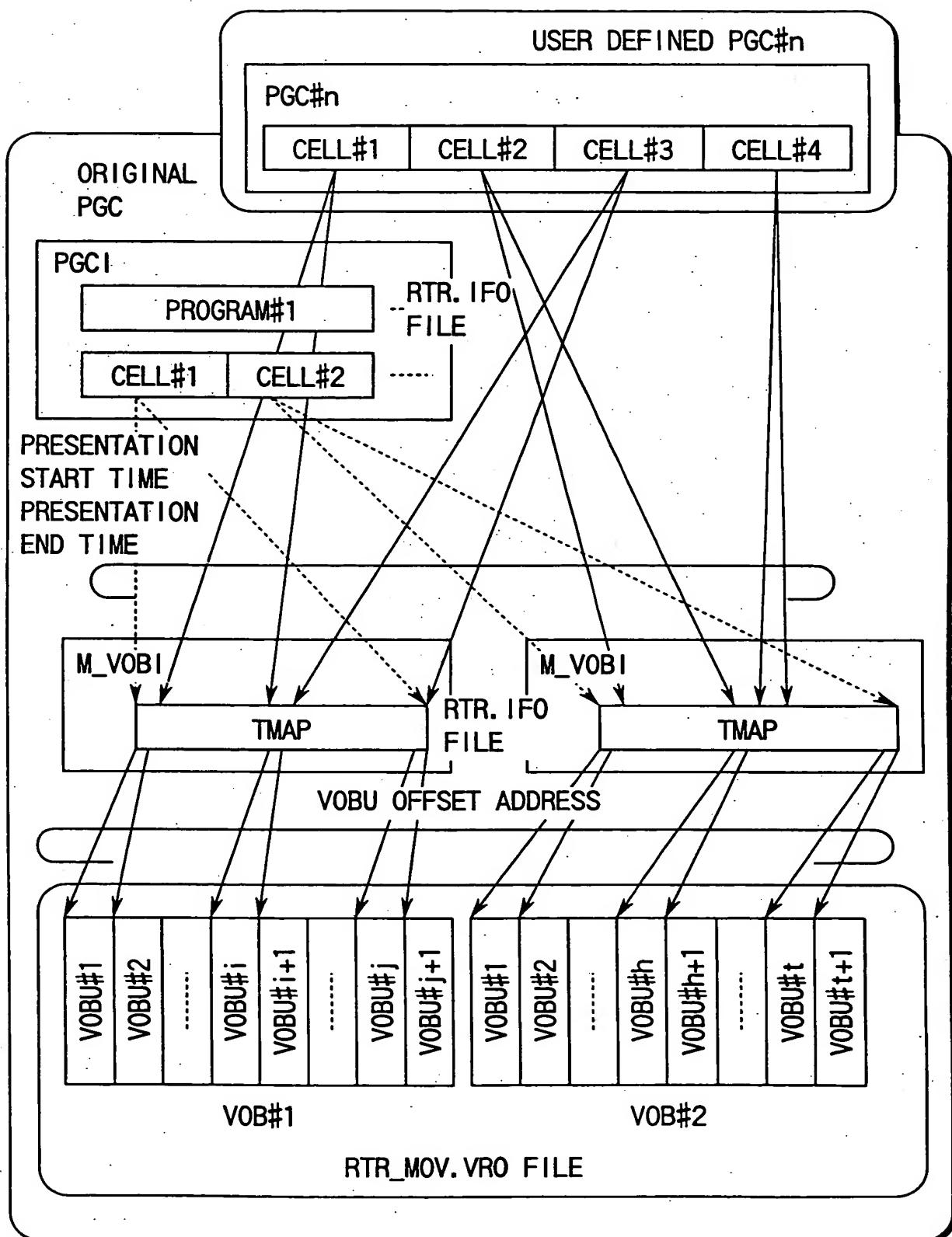


FIG. 28

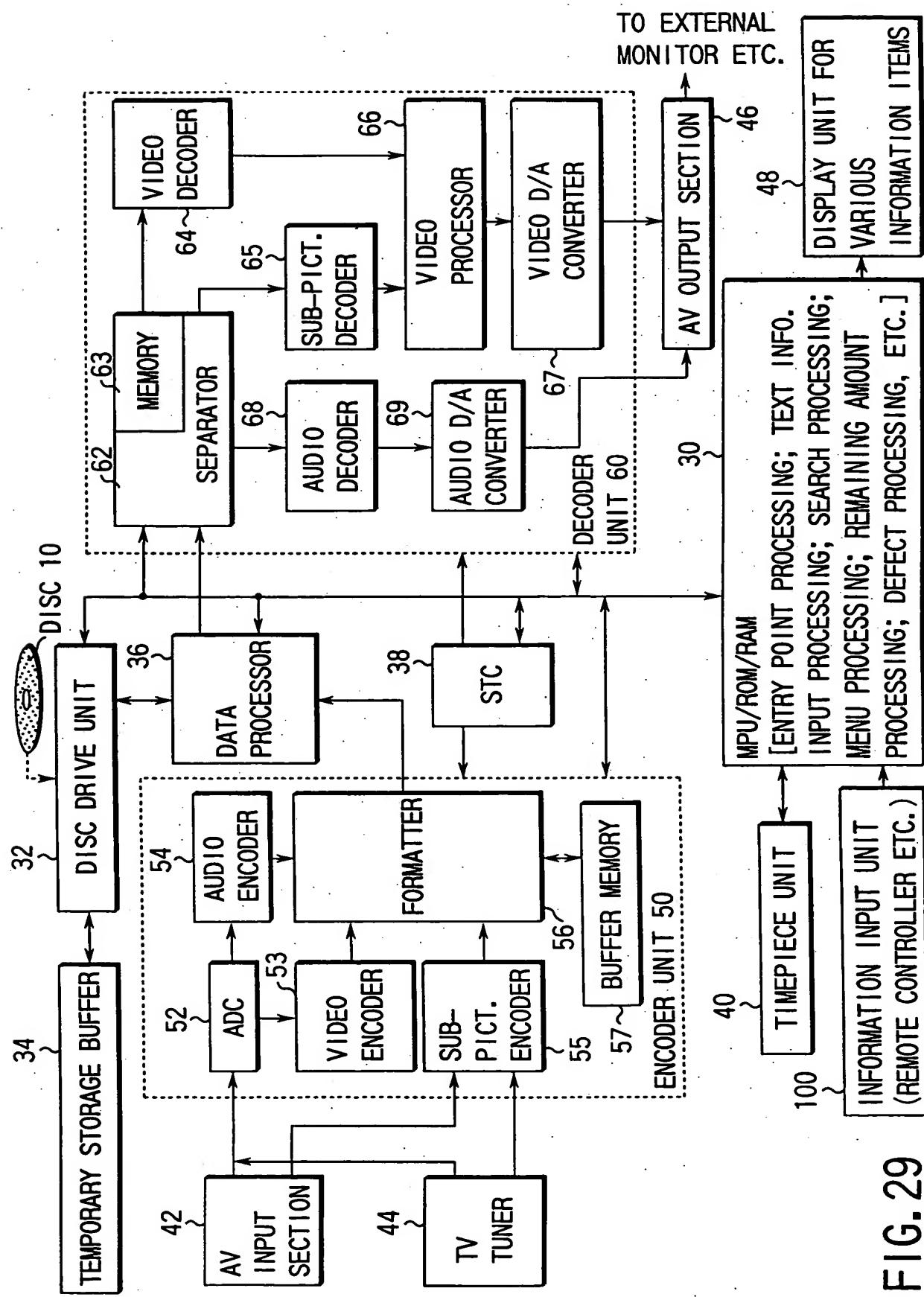


FIG. 29

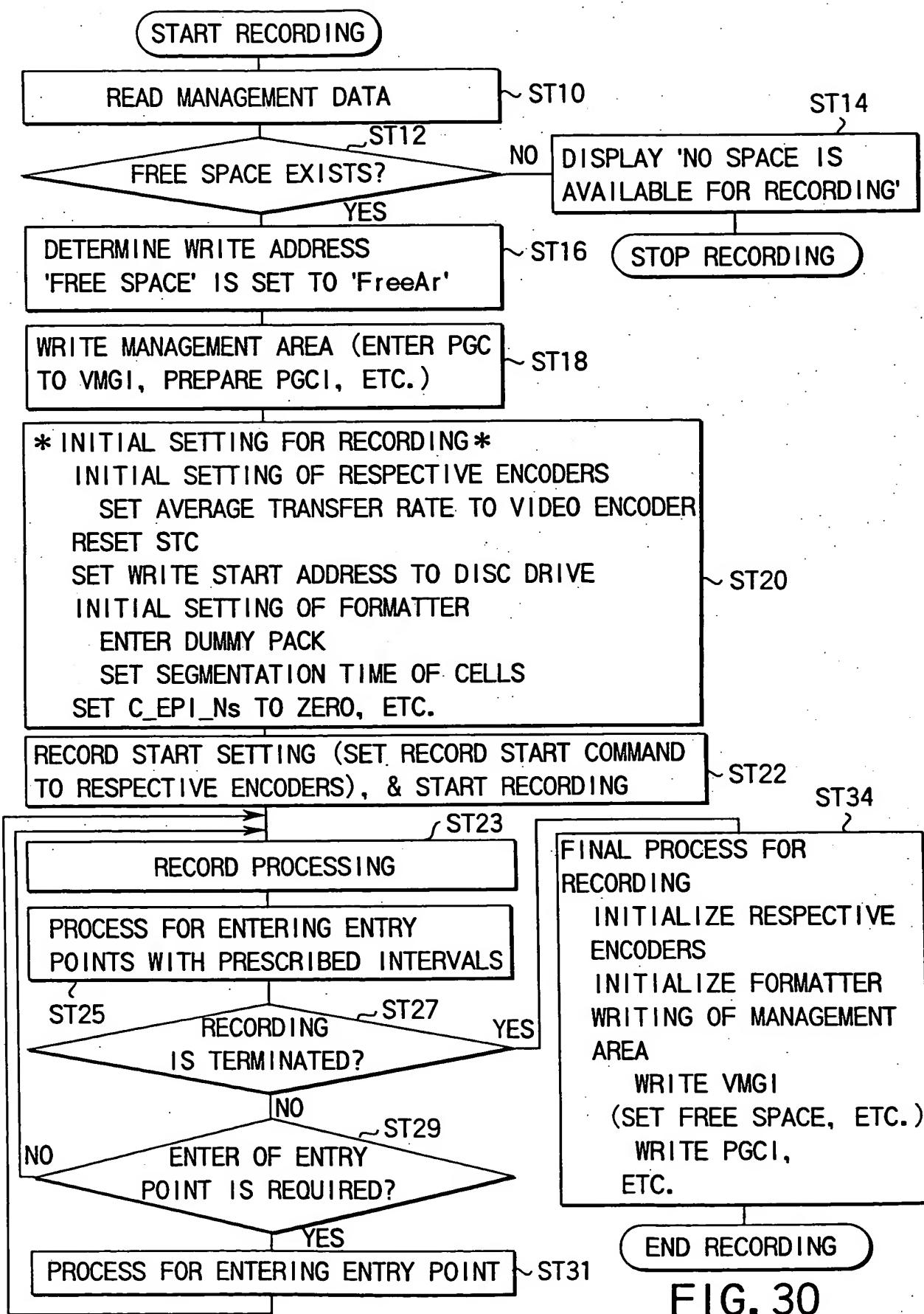


FIG. 30

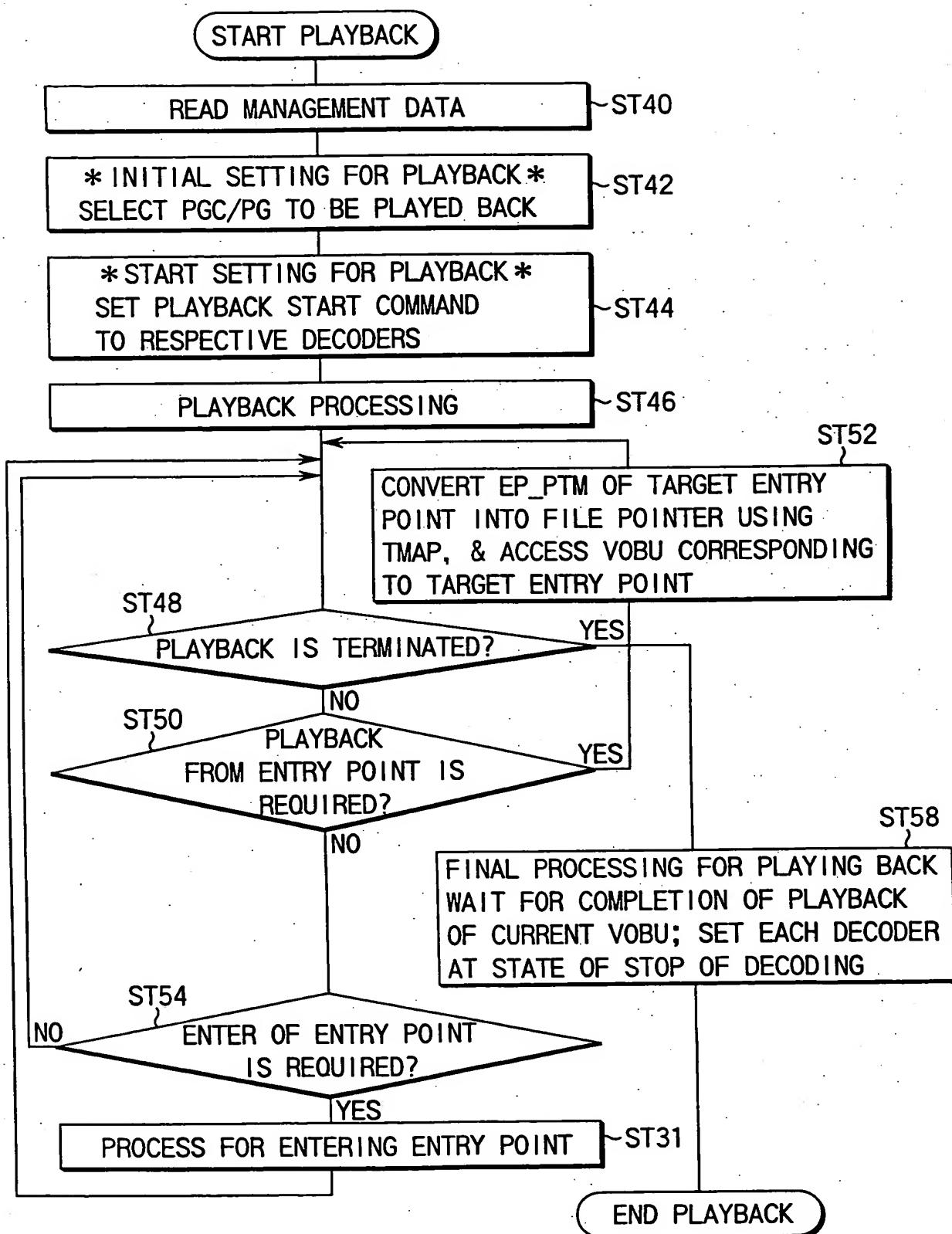


FIG. 31

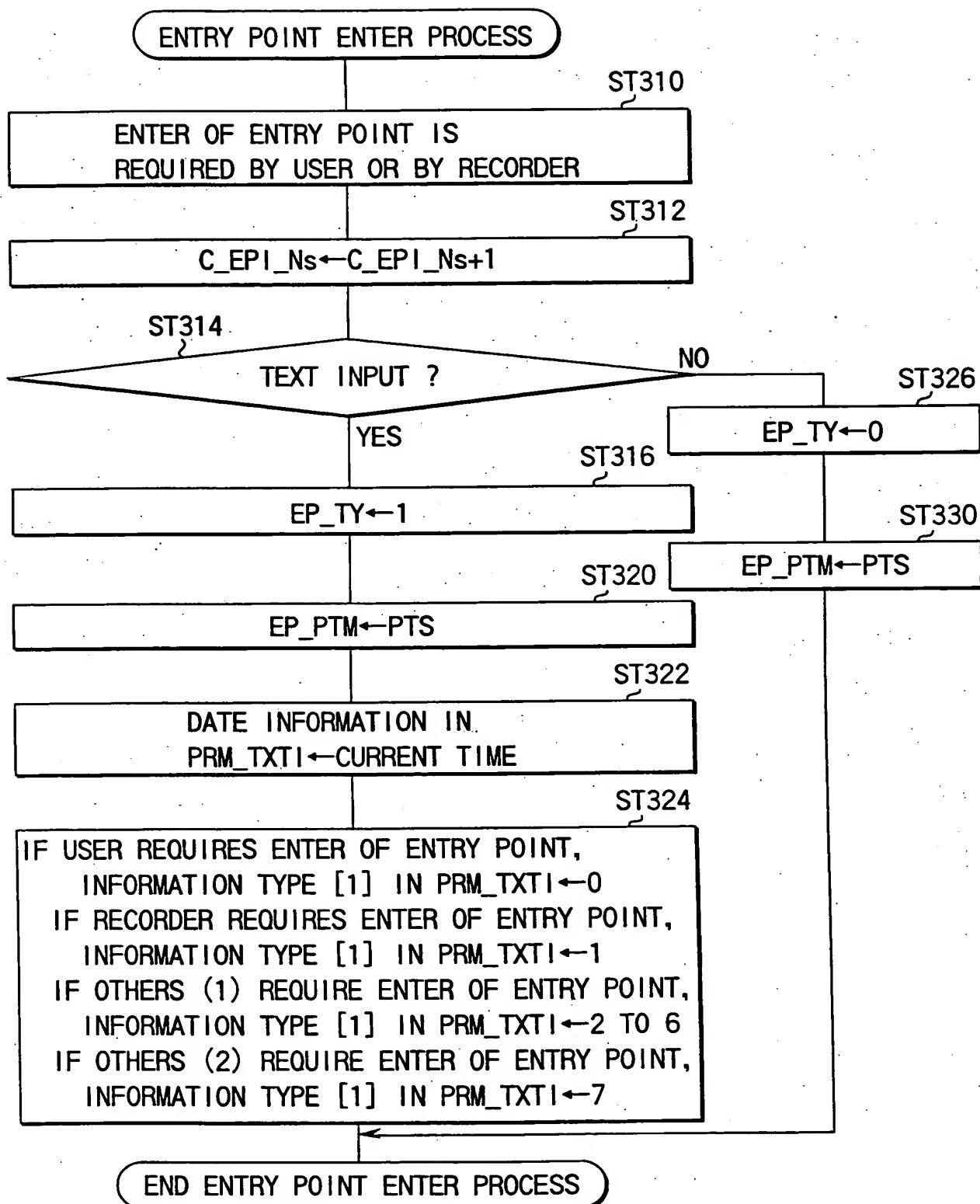


FIG. 32

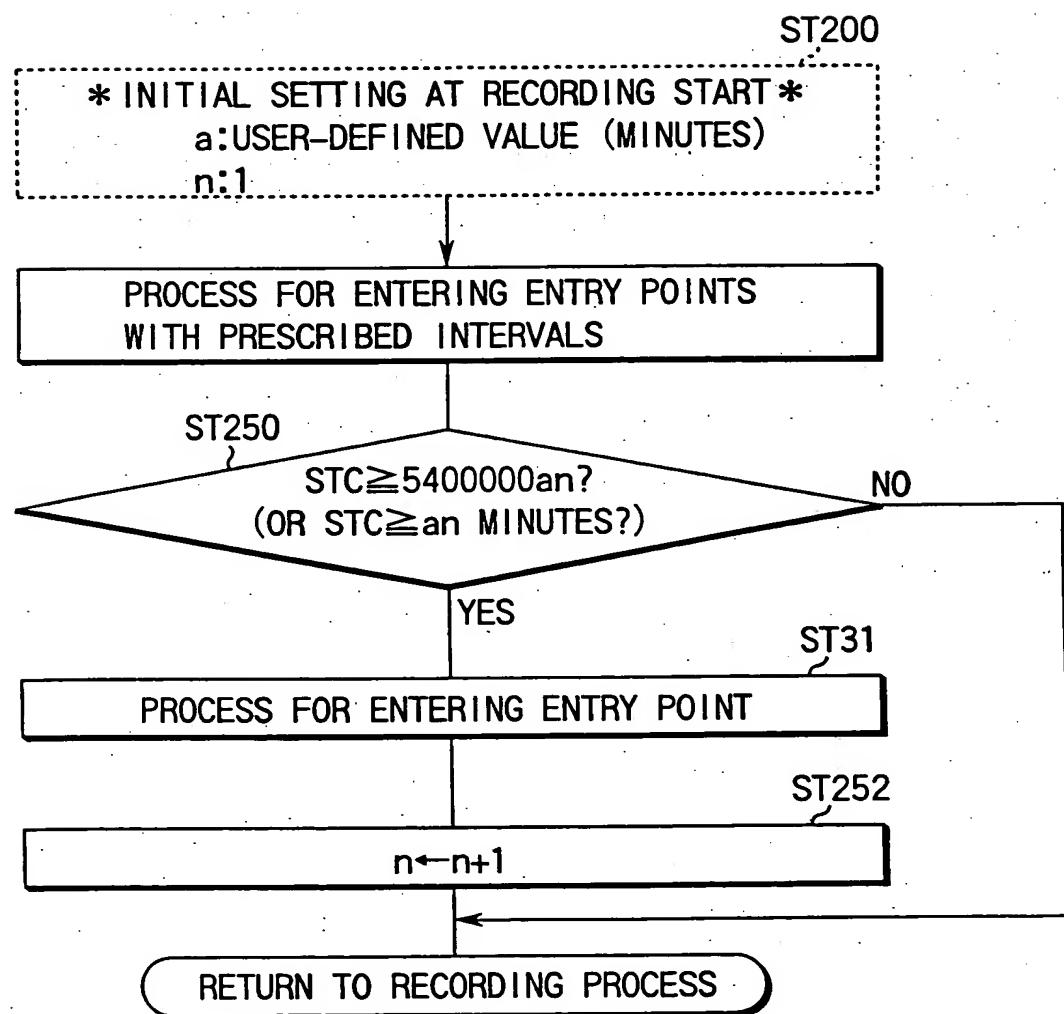


FIG. 33

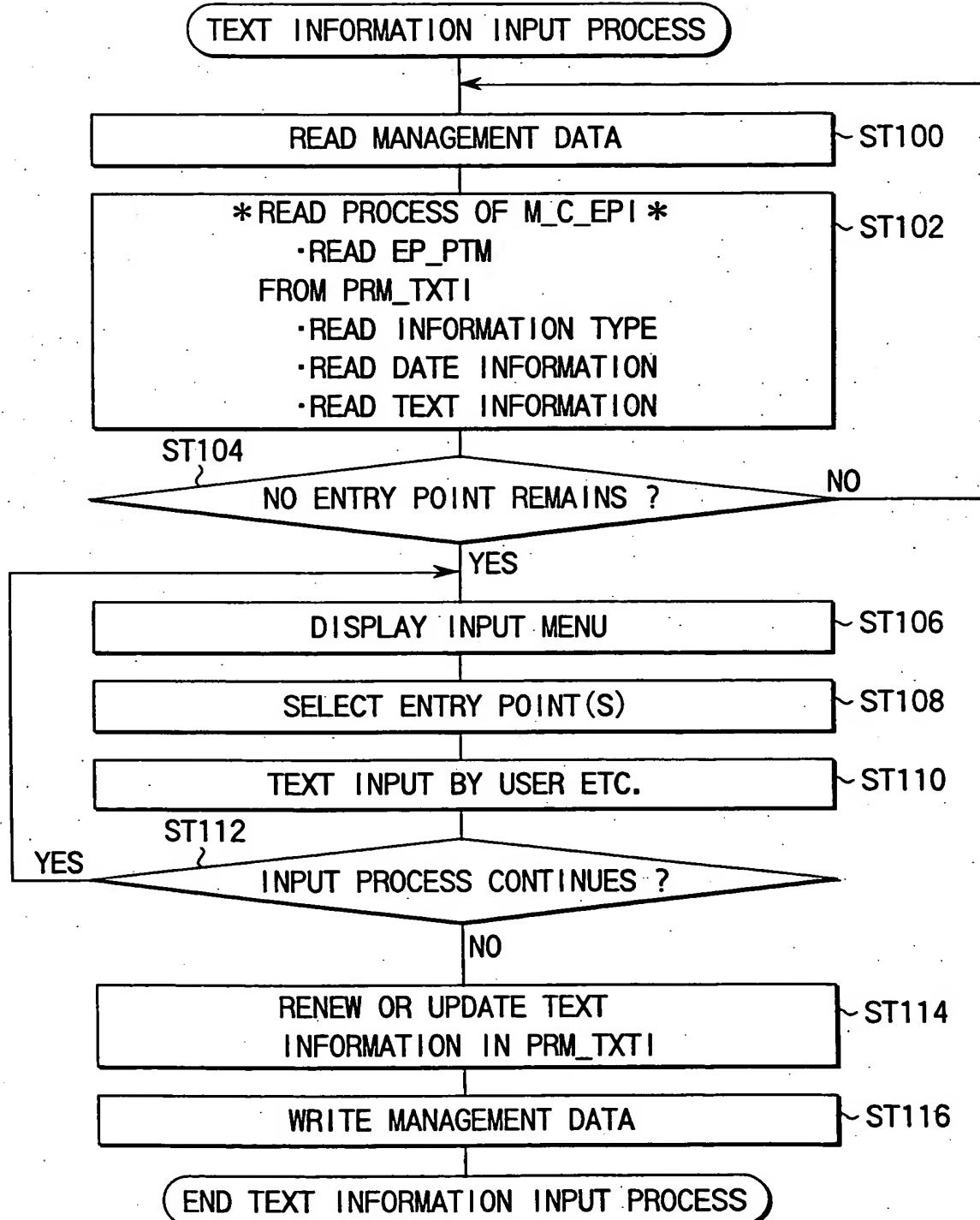


FIG. 34

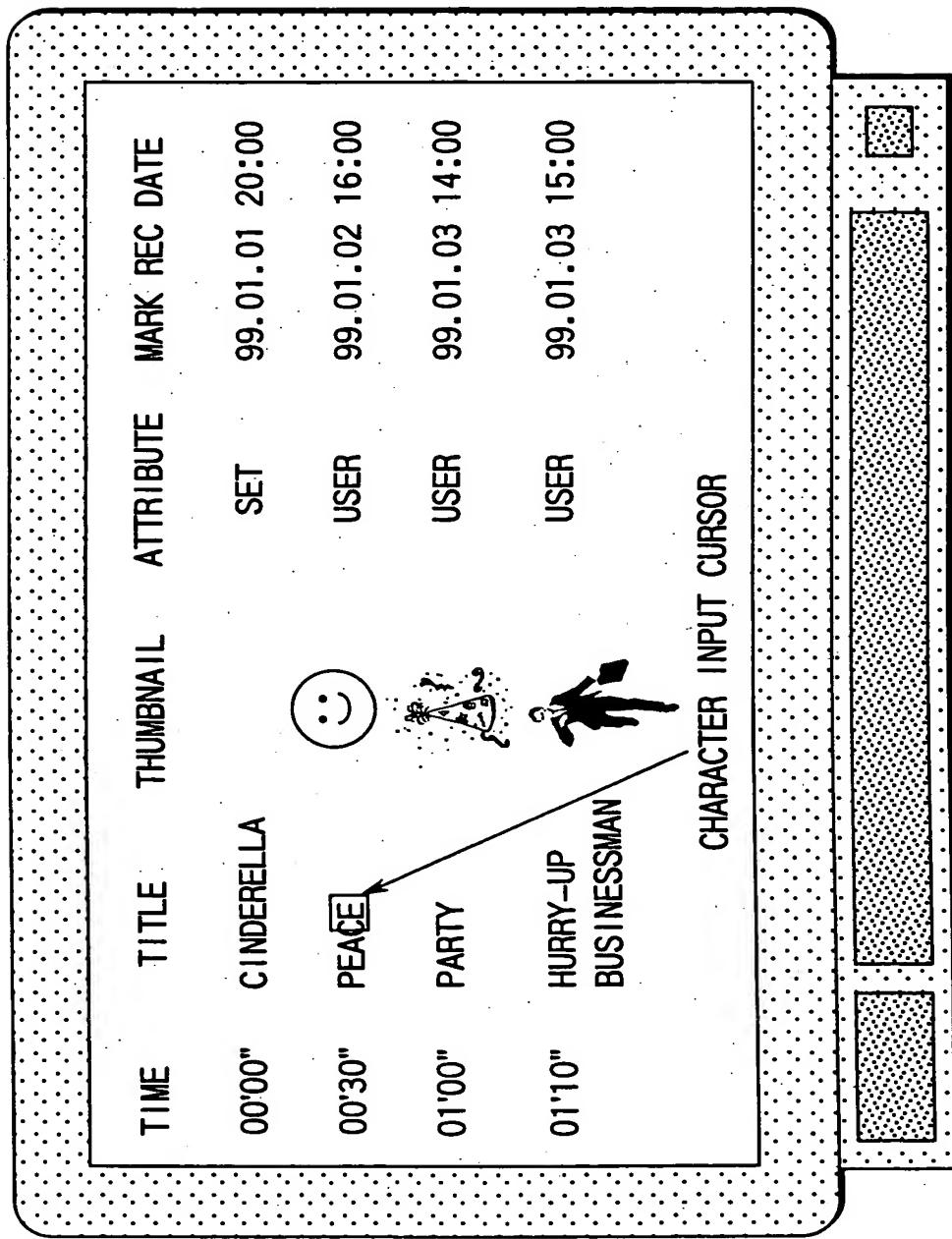


FIG. 35

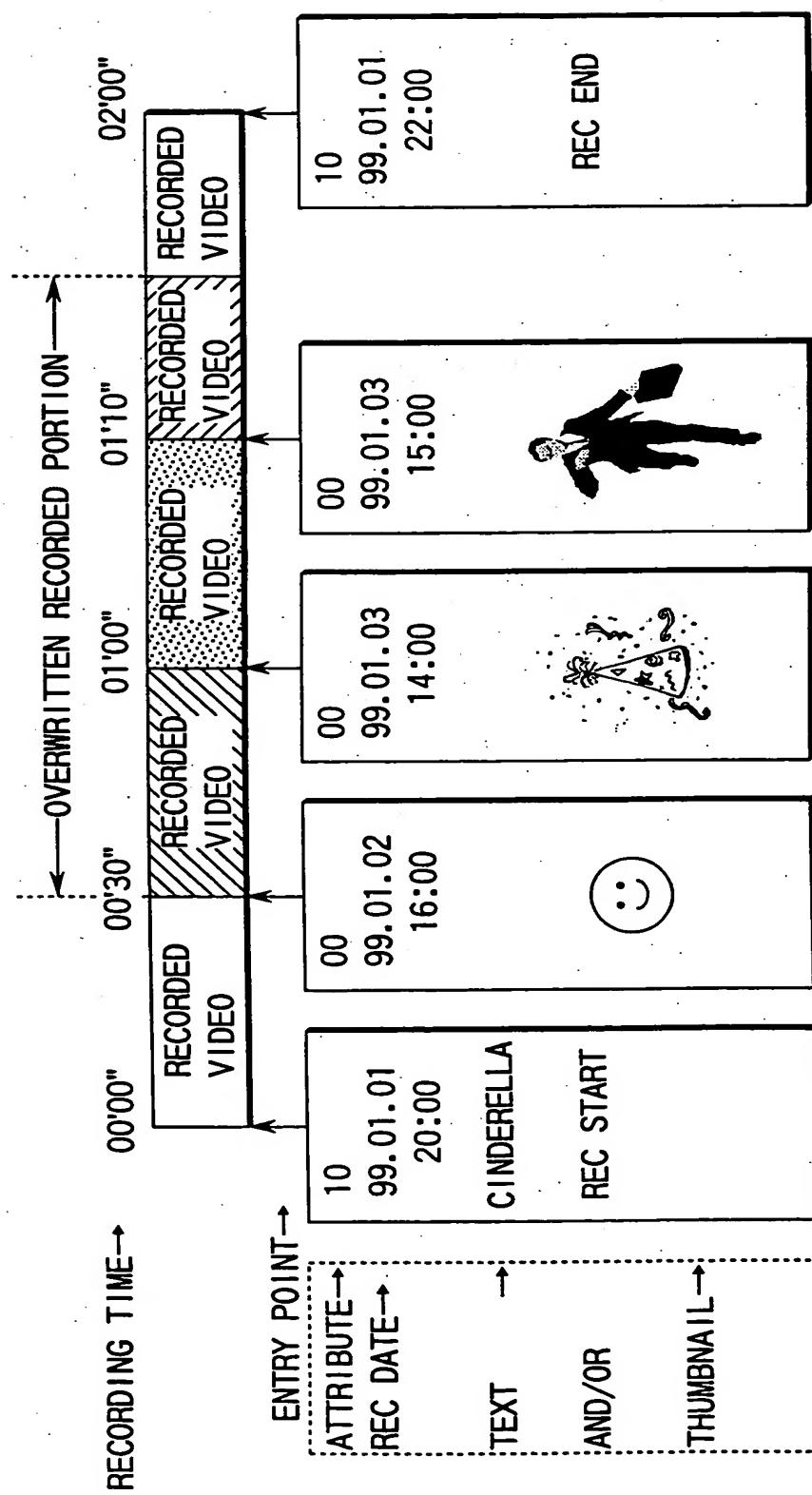


FIG. 36

OBLON, SPIVAK, et al.
DOCKET NO: 249651US2S DIV
INVENTOR:
Yasufumi TSUMAGARI et al.
SHEET 28 of 41

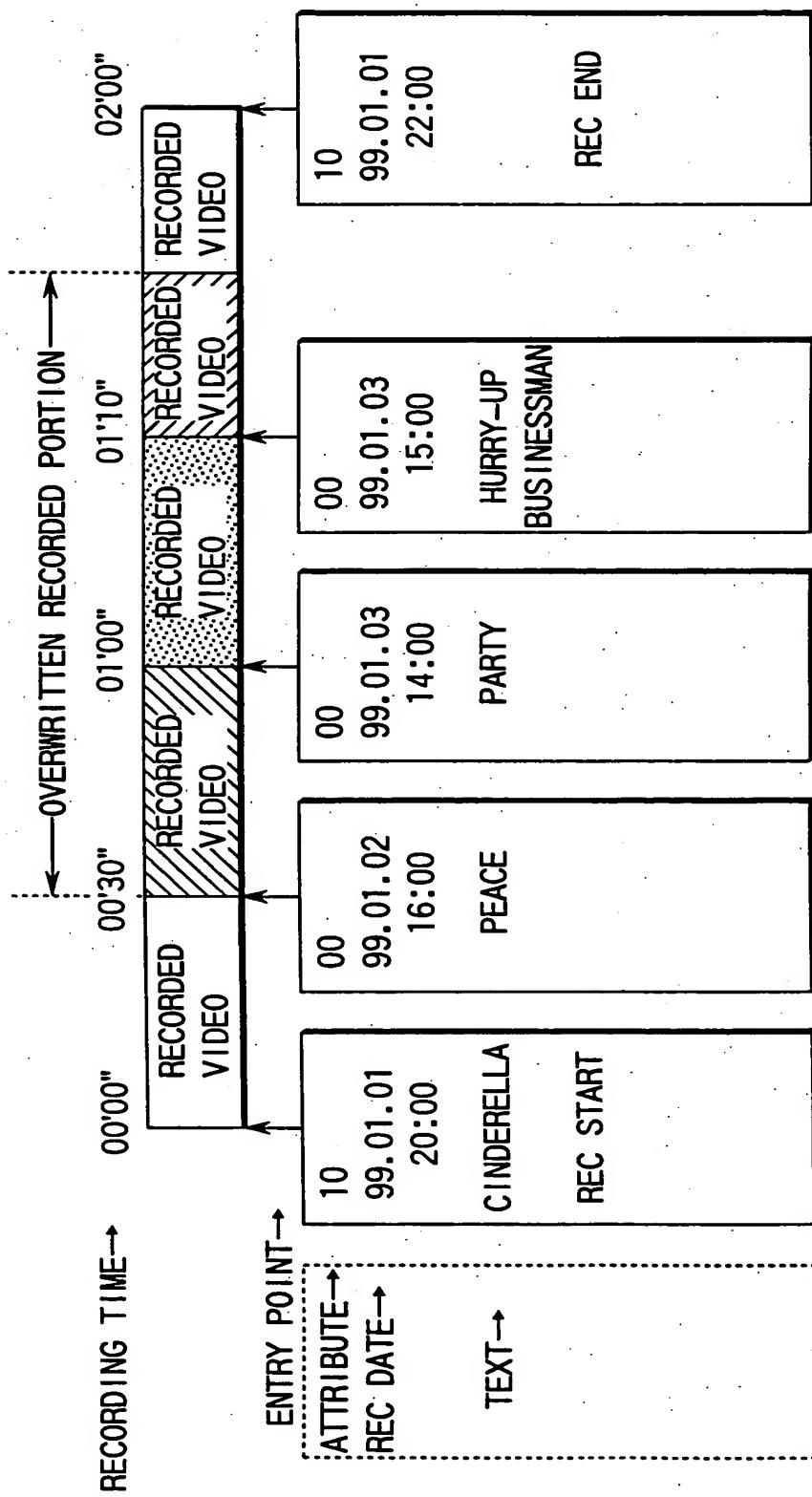


FIG. 37

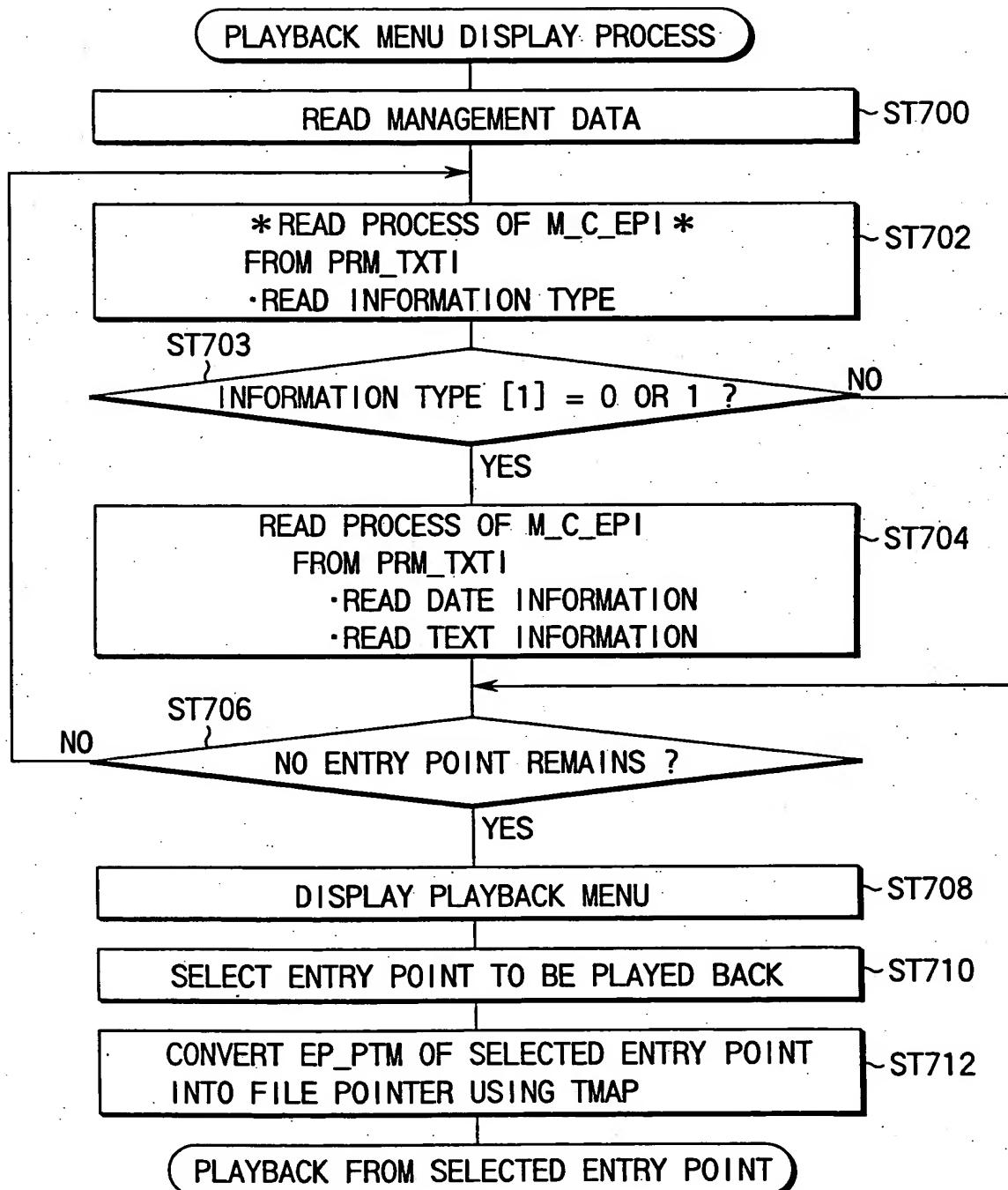


FIG. 38

TIME	TITLE	THUMBNAIL	ATTRIBUTE	MARK REC DATE
00'00"	CINDERELLA		SET	99.01.01 20:00
00'30"	PEACE	(:)	USER	99.01.02 16:00
01'00"	PARTY		USER	99.01.03 14:00
01'10"	HURRY-UP BUSINESSMAN		USER	99.01.03 15:00
		TITLE SELECTION CURSOR		

FIG. 39

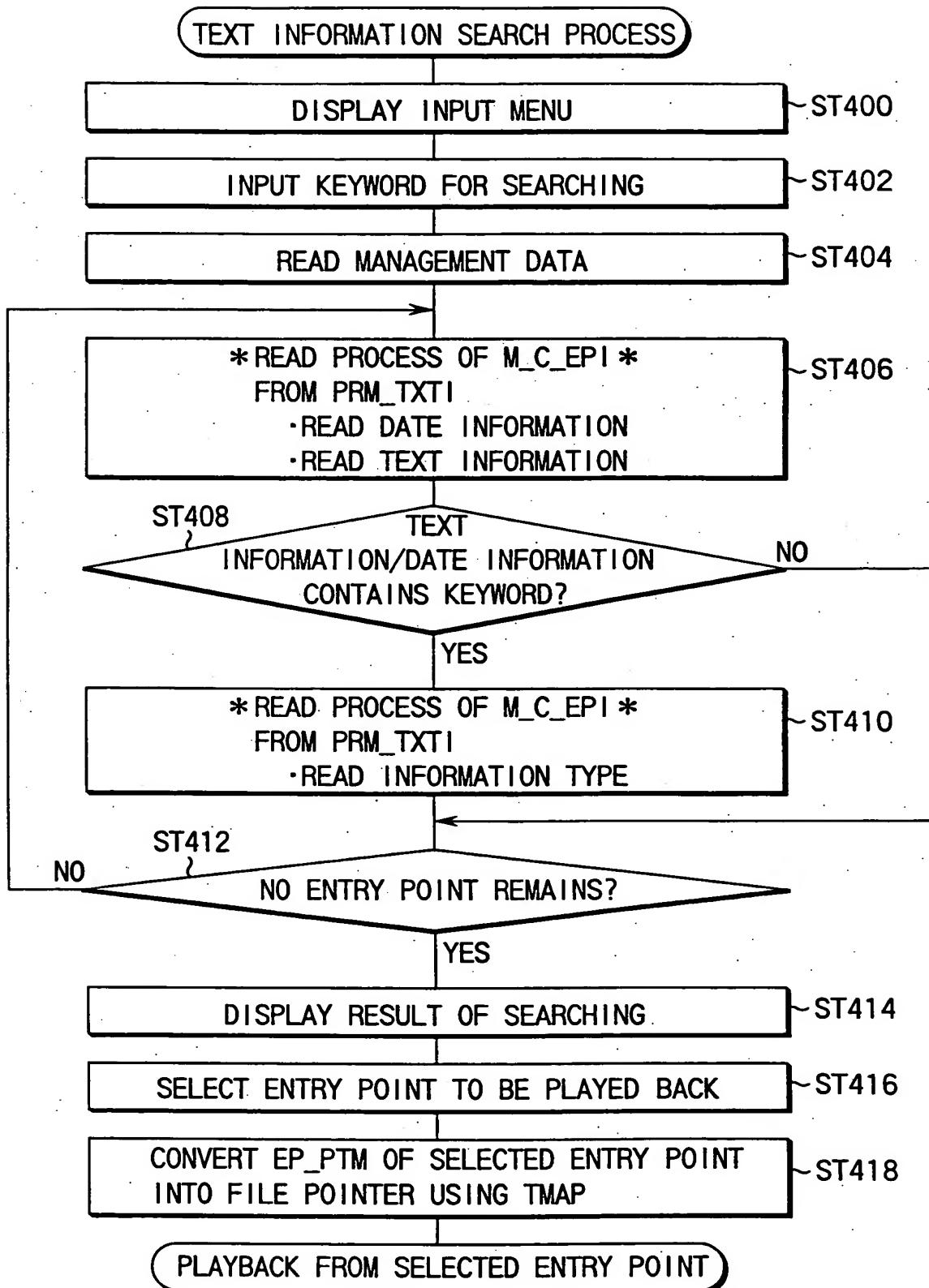


FIG. 40

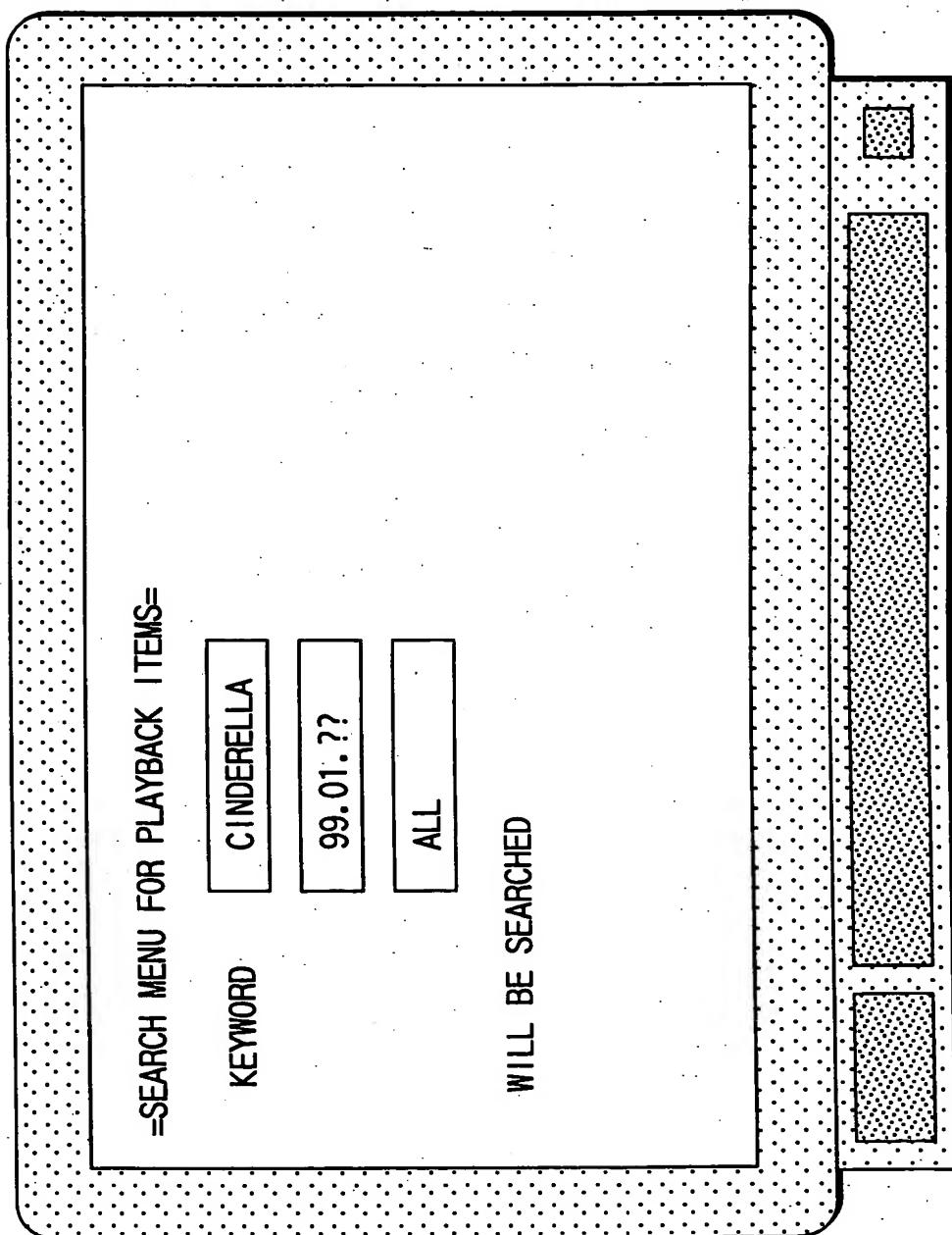


FIG. 41

=RESULT OF SEARCHING=			
TIME	TITLE	ATTRIBUTE	MARK REC TIME
00'00"	CINDERELLA	SET	99.01.01 20:00
01'10"	WITCH & CINDERELLA	SET	99.01.04 19:00

FIG. 42

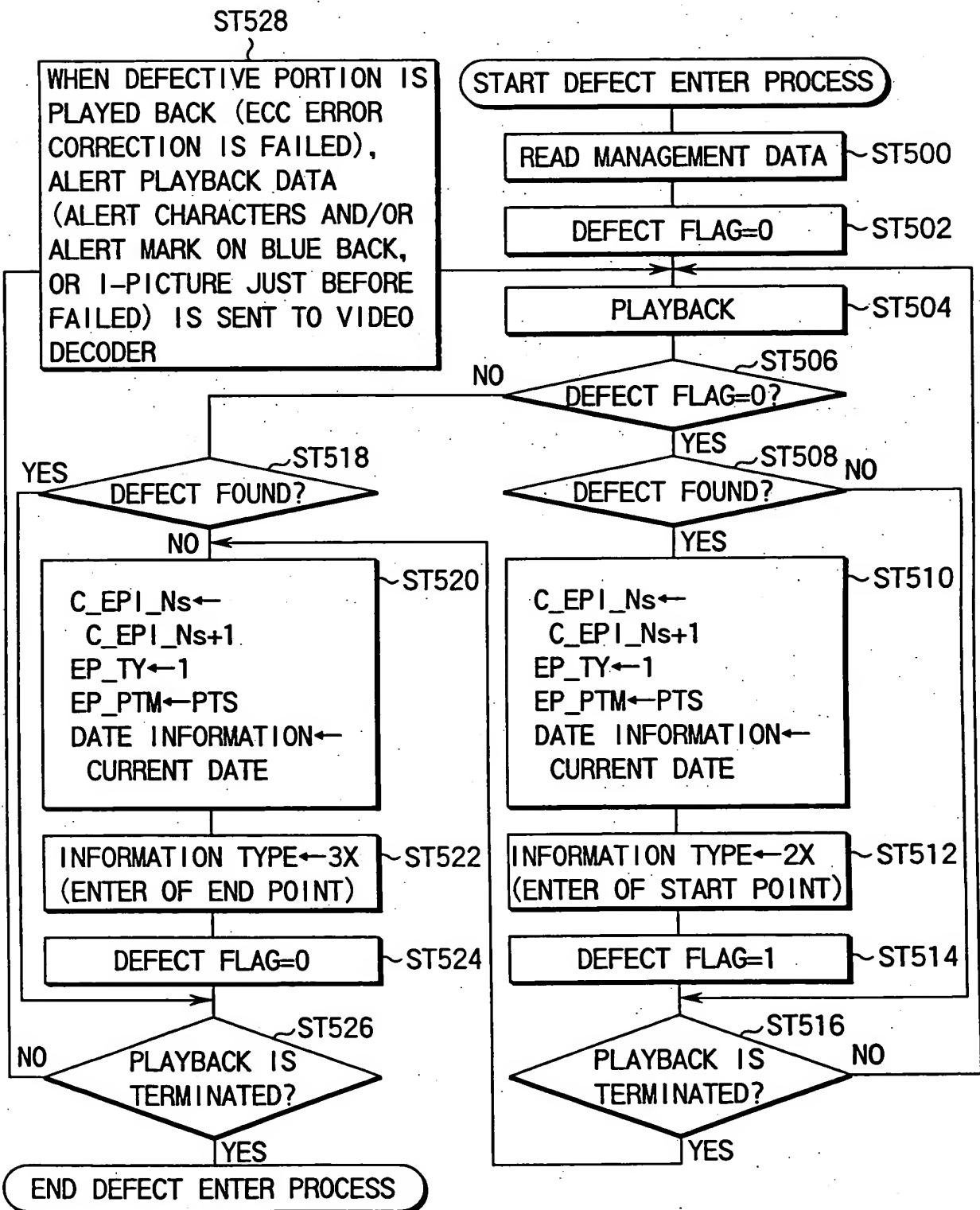


FIG. 43

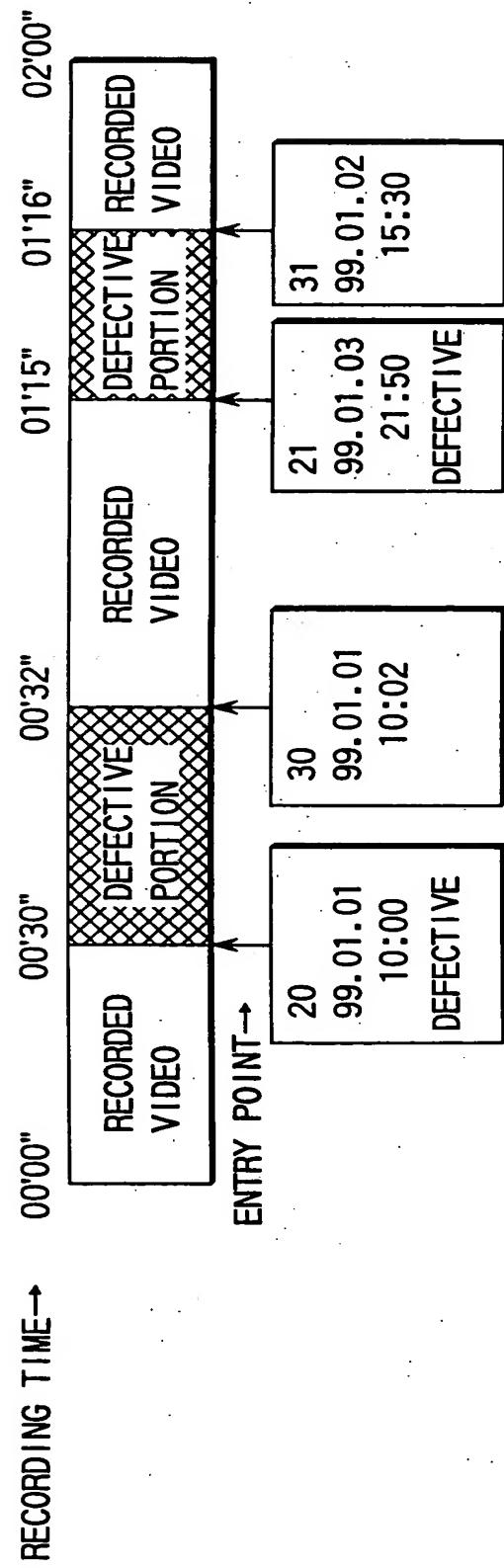


FIG. 44

=DEFECT MANAGEMENT MENU=			
TIME	REPRODUCTION MANNER	DEFECT FOUND DATE	
00'30"-00'32"	TO PLAYBACK WITH INCOMPLETE VIDEO/AUDIO	99.01.01 10:00	
01'15"-01'16"	TO SKIPPING WHILE DISPLAYING ERROR ALERT ON BLUE BACK	99.01.03 21:50	
01'49"-01'52"	TO SKIPPING WHILE DISPLAYING ERROR ALERT ON STILL PICT. OBTAINED JUST BEFORE OCCURRING ERROR	99.01.15 09:00	

FIG. 45

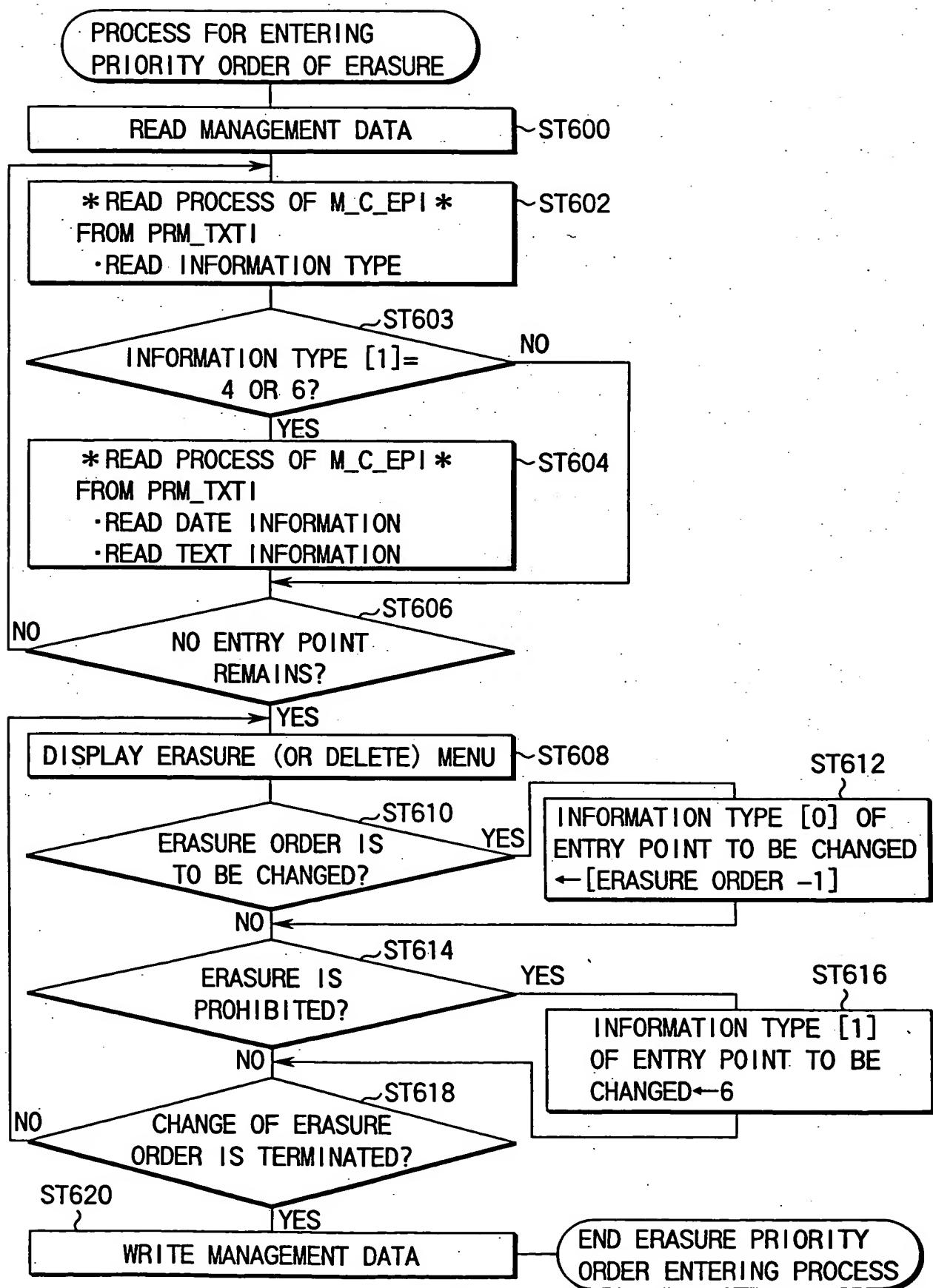


FIG. 46

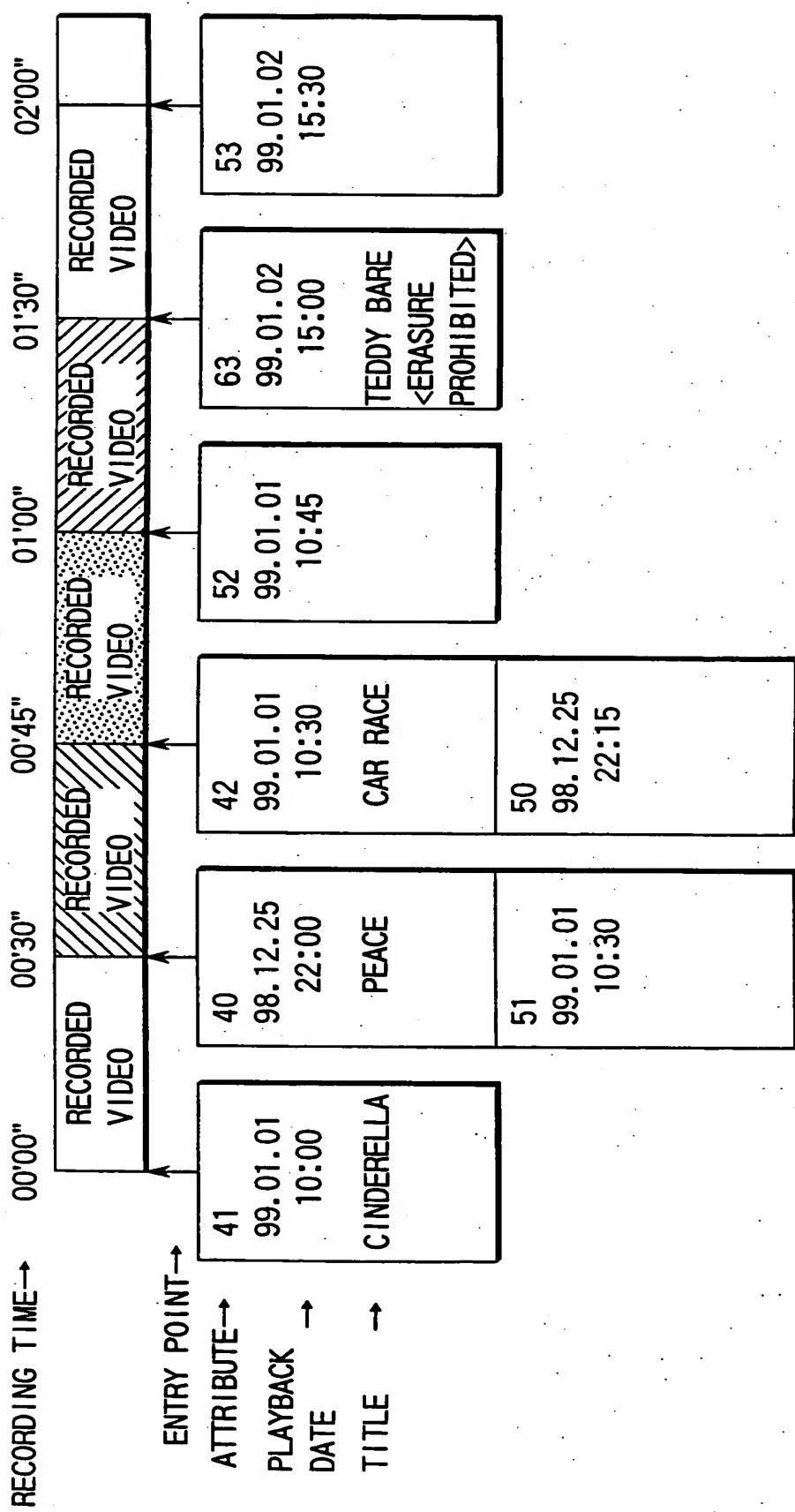


FIG. 47

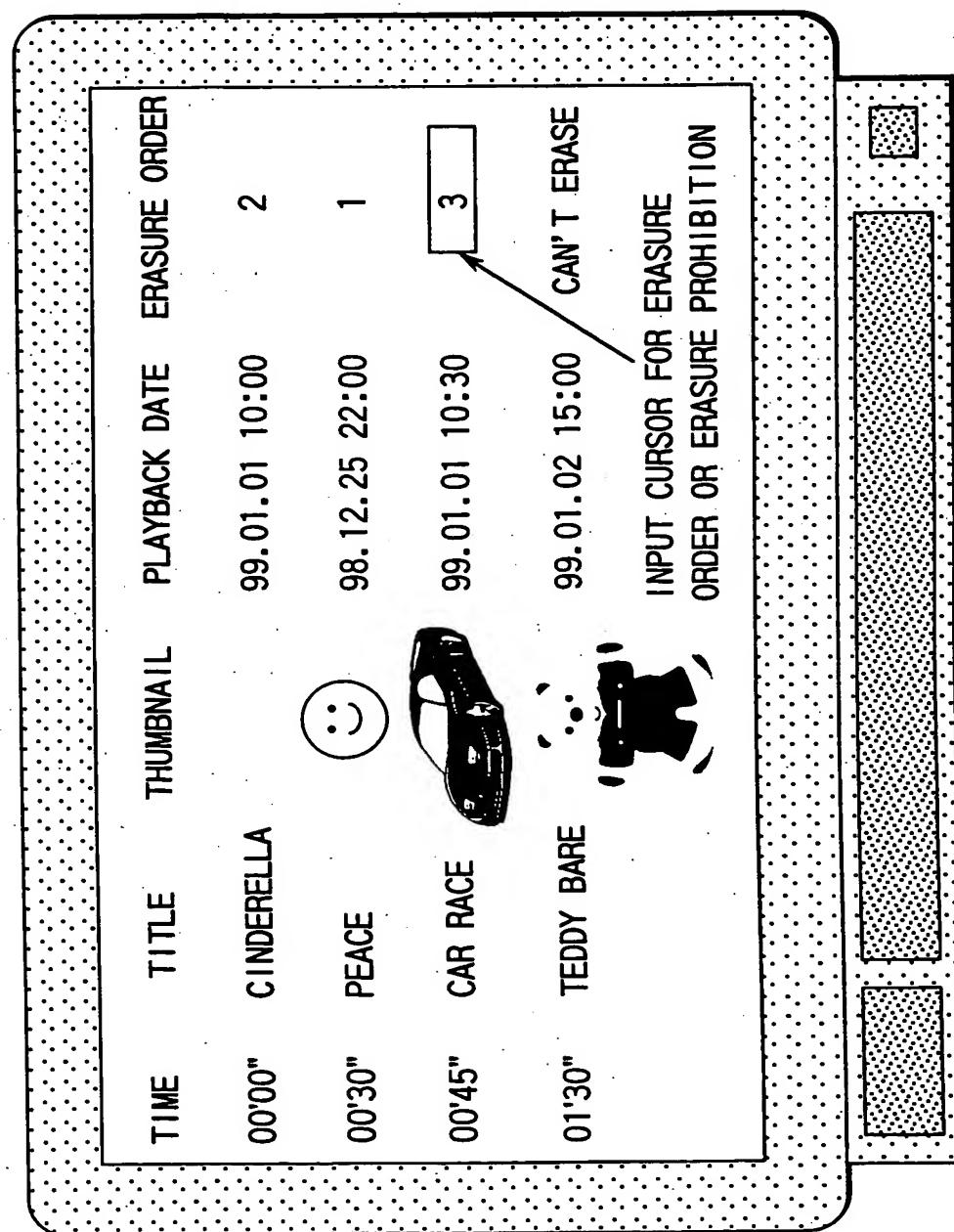
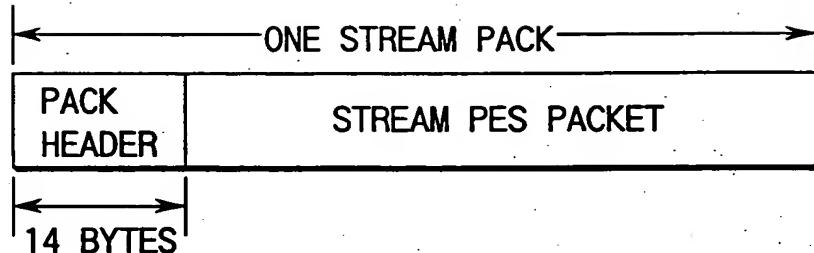


FIG. 48

FIG. 49



STRUCTURE OF THE STREAM DATA AREA WITHIN A STREAM PES PACKET
ONE STREAM PACK (2048B)

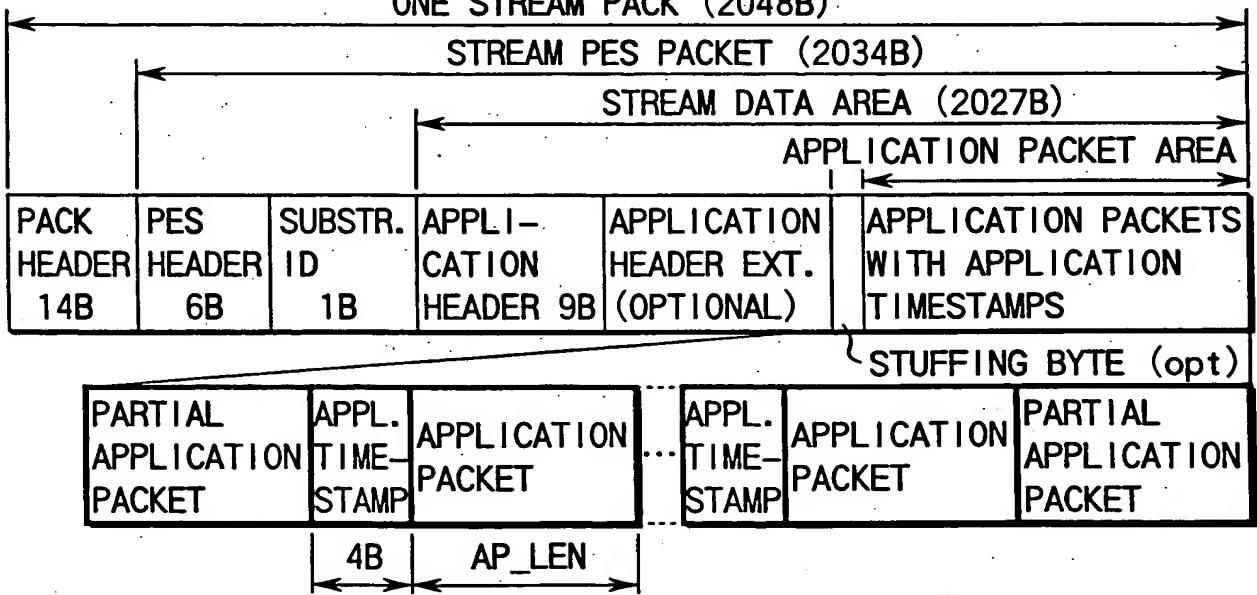


FIG. 50

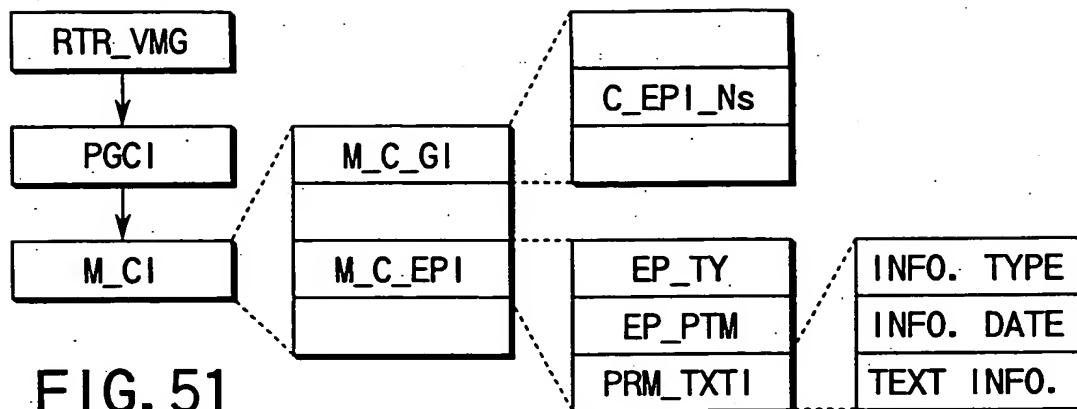


FIG. 51

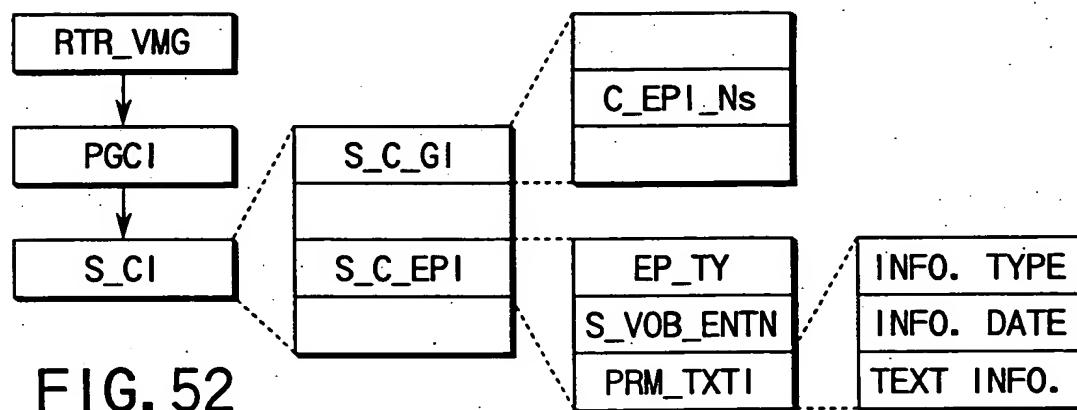


FIG. 52

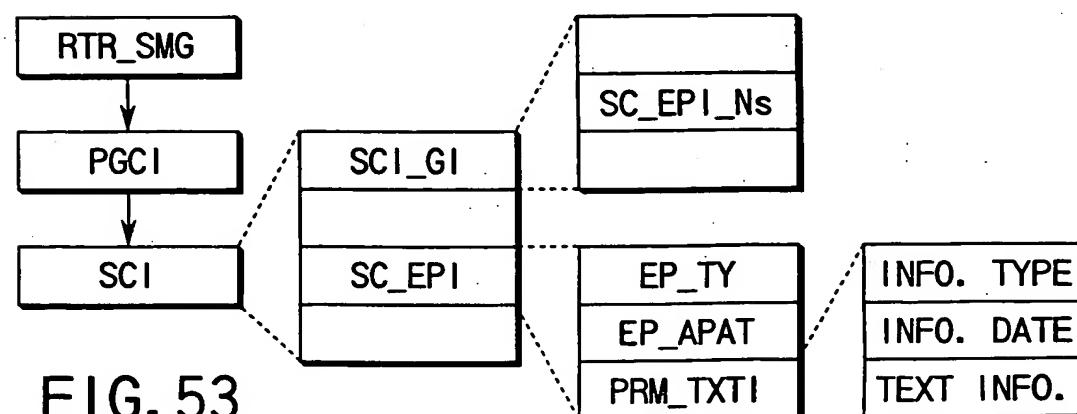


FIG. 53